



Arlington Historic District Commissions

Application for Certificate

(Read attached instructions
before completing form)

For Commission Use Only:

Date Rec: _____
Hearing Date: _____
Certificate #: _____
Monitor: _____

Certificate Requested:

- ☒ **Appropriateness** – for work described herein
☐ Minor project ☐ Major Project ☐ Demolition
☐ **Non-Applicability** – for the following reason(s):
☐ Not subject to public view
☐ Maintenance, repair, or replacement using same design and materials
☐ Proposed change specifically excluded from review under Bylaw
☐ Other: _____
☐ **Hardship** – financial or otherwise and does not conflict substantially with the intent and purposes of the Bylaw

General Information:

Property Address 64 Westminster Arlington, MA 02474 District Mount Gilboa/ Crescent Hill
 Owner(s) Sean Fitzgerald Email ltfitz@comcast.net
 Owner's Phone (h) 617-755-1873 (w) _____ (fax) _____
 Owner's Address 64 Westminster Arlington, MA 02474
 Applicant (if not Owner) Jaime Morin/ Renewal By Andersen
 Applicant's Phone (h) 508-351-2277 (w) _____ (fax) _____
 Applicant's Address 30 Forbes Rd North Borough MA 01532
 Applicant's Relationship to Owner Contractor

Contractor Jaime Morin Phone 508-351-2277
 Architect _____ Phone _____

Dates of Anticipated Work: Start _____ Completion _____

Description of Proposed Work: (attach additional pages as necessary) Please include a description of how the proposed work (if a change or addition) is historically and architecturally compatible with the building and the District as a whole.

Replacement of 9 Windows 8 visable from street

Required Documentation Acknowledgement: (see attached instructions)

☐ I acknowledge that I am required to provide supporting documentation, including the attached "Supporting Documents Checklist", by the deadlines indicated in the instructions. I understand that if such documents are not provided in a timely manner, this application will be considered to be incomplete and Commission action may be delayed.

I have read the attached instructions and, to the best of my knowledge, the information contained in this application is accurate and complete. I also give permission for members of the AHDC to access the property for the purpose of reviewing this application and work done under any certificate issued to me.

Owners Signature(s): Sean Fitzgerald Date: Sept 2 2010

Application Information and Instructions

REVIEW DESIGN GUIDELINES AND CONTACT THE COMMISSION BEFORE YOU BEGIN ANY EXTERIOR WORK WITHIN AN HISTORIC DISTRICT: Property owners in an Historic District are required to obtain a certificate from the Commission prior to starting any exterior work on buildings or structures. Applicants are encouraged to review the Commissions' Design Guidelines (available at the Commission website) prior to filing an application. Once an application is received, a formal public hearing will be scheduled to consider the application, public notice will be published, and abutters and interested parties will be notified. Please note that, by Town Bylaw, the building department cannot issue a building permit for exterior work or demolition without the necessary certificate from this Commission. Anyone contemplating exterior work should contact the Commission's Executive Secretary. Property owners are encouraged to present preliminary plans to individual Commissioners or at informal Commission hearings to better understand Commission requirements.

Types of Certificates:

Certificate of Appropriateness – Required for exterior alterations and new construction that are subject to public view unless specifically exempted by the Bylaw.

Minor Projects: doors, windows, skylights, lighting fixtures, walls, fences, HVAC and electrical equipment, gutters, and other small additions or modifications.

Major Projects: new structures, additions, projections, solar panels, and significant modifications to exterior elevations or roofs.

Demolition Projects: removal of any existing structure or portion thereof in a Historic District.

Certificate of Non-Applicability – Issued for matters that are specifically excluded from AHDC review.

Certificate of Hardship – Issued when the denial of a Certificate would constitute a hardship, financial or otherwise, on the property owner and if the proposed work does not conflict substantially with the intent and purposes of the Bylaw. Approval of a Certificate of Hardship requires detailed documentation of specific hardship to an individual property owner.

Required Documentation: At a minimum, an application for a Certificate of Appropriateness or Hardship requires the documentation specifically listed on the attached "Supporting Documentation Checklist". A Certificate of Non-Applicability requires documentation of existing conditions and proposed changes. The Commission requires one set of the documentation (preferably electronic) by the deadlines described below and seven printed sets at the hearing (3 printed sets for minor projects). A copy of the signed checklist, with the appropriate boxes checked off, must be submitted with the documentation. An application will be deemed incomplete until the required documentation has been received and reviewed by the Commission. In an emergency, required documentation can be presented at the formal hearing, however, this may delay action on the application. Based on the complexity or unique nature of a particular project, the Commission may, as allowed by law, require additional information. Failure to provide sufficient documentation could delay approval or be cause for a negative determination.

Application Deadlines: The Commission typically meets on the fourth Thursday of each month (third Thursday in November and December) at the Whittemore-Robbins House, 670R Massachusetts Avenue (behind the Robbins Library). To allow for the publishing of legally required notices prior to individual hearings, Applications must be received approximately four weeks prior to the Commission hearing date. Specific deadlines for each hearing can be obtained from the Commission's Executive Secretary. All required documentation must be provided to the Commission for its review by the following deadlines:

Minor Projects: 7 calendar days prior to scheduled hearing

Major Projects or Demolition: 14 calendar days prior to scheduled hearing

In most cases, failure to meet these deadlines will delay scheduling of a formal hearing until the following month. Upon approval of an application at a formal hearing, a certificate will be issued approximately one week from the date of the hearing and a copy will be sent to the Building Inspector to allow issuance of a permit.

Contact Information: Additional information is available at: arlingtonhistoricdistrict.com. Inquiries, applications, and supporting documentation should be directed to Carol Greeley, Executive Secretary, ahdc@town.arlington.ma.us, (781) 316-3265, or c/o Dept of Planning and Community Development, Town Hall Annex - First Floor, 730 Massachusetts Ave., Arlington, MA 02476. Any additional questions can be addressed to the Commissions' Chair Stephen Makowka at ahdcchair@town.arlington.ma.us.

ARLINGTON HISTORIC DISTRICT APPLICATION

Supporting Documentation Checklist

Property Address 64 Westminster Arlington, MA 02474 District Mount Gilboa/ Crescent Hill
 Applicant's Name Jaime Morin/ Renewal By Andersen Email rbabostonpermitting@andersencorp.com
 Applicant's Phone (Day) 508-351-2277 (Mobile) _____

☐ **For Minor Projects or Certificate of Non-Applicability**

- ☐ **Drawings (11x17 max., with graphic scale, dimensioned, all materials identified) or marked up Photographs (8x10)**
 Existing conditions of historic façade(s) to be modified; Show location of proposed work; Show proposed feature(s); Elevations showing proposed work and context; Drawing showing location of proposed work; Drawing showing the proposed feature(s); Site plan for site located equipment and features
- ☐ **Manufacturer's literature and specifications sheets describing the proposed feature(s)**
- ☐ **Description of how the proposed work is either compatible with the District or Non-Applicable**

☐ **For Major Projects**

- ☐ **Photographs (8x10)**
 Existing conditions of historic structure to be modified (facades, roofs, neighboring buildings); Site; Neighborhood context; Historic precedents for proposed work
- ☐ **Drawings (11x17 max., with graphic scale, must show differentiated existing and proposed conditions, dimensions, and all materials identified)**
 - **Plans**
 Site (showing proposed structures, fences, walls, parking, HVAC equipment, electrical equipment, and relationship to adjacent roads, neighboring buildings); Each floor; Roof (showing valleys, hips, ridges, dormers, skylights, chimneys, vents, HVAC equipment, solar panels)
 - **Elevations of building facades- identify:**
 Foundation; Siding ; Trim; Gutters; Downspouts; Shutters; Railings; Stairs; Windows; Doors; Roof materials; Roof pitch; Chimneys and vents; Masonry; Light fixtures; Solar panels; HVAC equipment; Electrical equipment; Fences; Signage
 - **Wall sections (especially showing projecting features such as bays, balconies, porches, additions)**
 - **Relevant exterior detail drawings (architectural trim, eaves, doors, windows, caps, columns, vents, rail systems)**
 - **Profile drawings (window and door elements, railings, balusters, stairs, shutters, roof trim, corner boards, casings, water tables, skirts, frieze boards, and all other trim)**
 - **For projections, additions and new construction also include:**
 Neighborhood lot plan- include footprint to lot area ratio as well as that of neighboring lots; Plot plan- existing building(s), setbacks, proposed new structures; Site section (show relationship to site topography, adjacent structures, major landscape features, roads)
- ☐ **Manufacturers' literature and specification sheets describing the proposed components**
- ☐ **Suggested Supporting Submittals: Model; Physical Samples**
- ☐ **Description of how the proposed work is compatible with the District.**

☐ **For Demolition**

- ☐ **Statement of current state of existing structure and reason for demolition**
- ☐ **Statement of the historic significance of the structure**
- ☐ **Site Documentation (including Plot plan; Photographs of existing conditions; List existing materials; Year built; Original architect)**
- ☐ **Other provided documentation not described above (please list on a separate attached sheet).**

Applicants Signature(s): _____

Date: 8-31-20



dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

30 Forbes Road | Northborough, MA 01532

Phone: 508-351-2200 | Fax: (508) 986-7072 | rbabostonbooking@andersencorp.com

Sean Fitzgerald

64 Westminster Ave.

Arlington, MA 02474

H: (617)755-1873

Thank you for your order

Please find, enclosed for your convenience, the contents of your agreement with Renewal by Andersen LLC d/b/a Renewal by Andersen of Boston

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Agreement Document and Payment Terms

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

30 Forbes Road | Northborough, MA 01532

Phone: 508-351-2200 | Fax: (508) 986-7072 | rbabostonbooking@andersencorp.com

Sean Fitzgerald

64 Westminister Ave.

Arlington, MA 02474

H: (617)755-1873

Buyer(s) Name: **Sean Fitzgerald**

Contract Date: **08/01/20**

Buyer(s) Street Address: **64 Westminister Ave. , Arlington, MA 02474**

Primary Telephone Number: **(617)755-1873**

Secondary Telephone Number: _____

Primary Email: **itfitz@comcast.net**

Secondary Email: _____

Buyer(s) hereby jointly and severally agrees to purchase the products and/or services of Renewal by Andersen LLC d/b/a Renewal by Andersen of Boston ("Contractor"), in accordance with the terms and conditions described in this Agreement Document and Payment Terms, any documents listed in the Table of Contents, and any other document attached to this Agreement Document, the terms of which are all agreed to by the parties and incorporated herein by reference (collectively, this "Agreement"). Buyer(s) hereby agrees to sign a completion certificate after Contractor has completed all work under this Agreement.

Total Job Amount: **\$15,659**

Deposit Received: **\$5,219**

Balance Due: **\$10,440**

Amount Financed: **\$0**

Method of Payment: **Cash/Check**

By signing this Agreement, you acknowledge that the Balance Due, and the Amount Financed must be made by personal check, bank check, credit card, or cash.

Estimated Start:
10-12 weeks

Estimated Completion:
1-2 days

We schedule installations based on the date of the signed contract and secondarily on the date in which we complete the technical measurements. The installation date that we are providing at this time is only an estimate. We will communicate an official date and time at a later date. Rain and extreme weather are the most common causes for delay.

Notes: **1/3 at sign up; 1/3 at job start; 1/3 at completion**

Buyer(s) agrees and understands that this Agreement constitutes the entire understandings between the parties and that there are no verbal understandings changing or modifying any of the terms of this Agreement. No alterations to or deviations from this Agreement will be valid without the signed, written consent of both the Buyer(s) and Contractor. Buyer(s) hereby acknowledges that Buyer(s) 1) has read this Agreement, understands the terms of this Agreement, and has received a completed, signed, and dated copy of this Agreement, including the two attached Notices of Cancellation, on the date first written above and 2) was orally informed of Buyer's right to cancel this Agreement.

NOTICE TO BUYER: Do not sign this contract if blank. You are entitled to a copy of the contract at the time you sign.

YOU, THE BUYER, MAY CANCEL THIS TRANSACTION AT ANY TIME NOT LATER THAN MIDNIGHT OF 08/05/2020 OR THE THIRD BUSINESS DAY AFTER THE DATE OF THIS TRANSACTION, WHICHEVER DATE IS LATER. SEE THE ATTACHED NOTICE OF CANCELLATION FORM FOR AN EXPLANATION OF THIS RIGHT.

Legal Name: Renewal by Andersen LLC

dba: Renewal by Andersen of Boston

Signature of Sales Person

John Beaver

Print Name of Sales Person

Buyer(s)

Signature

Sean Fitzgerald

Print Name

Signature

Print Name



Itemized Order Receipt

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

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Sean Fitzgerald

64 Westminster Ave.

Arlington, MA 02474

H: (617)755-1873

ID#:	ROOM:	DETAILS:
101	Room 1	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
102	maser	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
103	maser	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
104	maser	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
105	john	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None



Itemized Order Receipt

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

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Sean Fitzgerald

64 Westminster Ave.

Arlington, MA 02474

H: (617)755-1873

ID#:	ROOM:	DETAILS:
106	john	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
107	john	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
108	molly	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
109	molly	Window: Double-Hung (DG), 1:1, Slope Sill, Insert Frame, Traditional Checkrail, Exterior White, Interior White, Glass: All Sash: High Performance SmartSun Glass, No Pattern, Hardware: White, Screen: Aluminum, Full Screen, Grille Style: No Grille, Misc: None
WINDOWS: 9	PATIO DOORS: 0	SPECIALTY: 0 MISC: 0 TOTAL \$15,659



Renewal by Andersen is committed to our customers' safety by complying with the rules and lead-safe work practices specified by the EPA.



Notice of Cancellation

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

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Sean Fitzgerald

64 Westminster Ave.

Arlington, MA 02474

H: (617)755-1873

You, the buyer(s) may cancel this transaction at any time prior to midnight on 08/05/2020 or the third business day after the date of this transaction, whichever date is later.

NOTICE OF CANCELLATION

Date of Transaction: 08/01/20. You may cancel this transaction, without any penalty or obligation, before midnight on 08/05/2020 or the third business day after the date of this transaction, whichever date is later. If you cancel, any property traded in, any payments made by you under the Contract or Sale, and any negotiable instrument executed by you will be returned within 10 business days following receipt by the Seller of your cancellation notice, and any security interest arising out of the transaction will be canceled. If you cancel, you must make available to the Seller at your residence, in substantially as good condition as when received, any goods delivered to you under this Contract or Sale; or you may, if you wish, comply with the instructions of the Seller regarding the return shipment of the goods at the Sellers expense and risk. If you do make the goods available to the Seller and the Seller does not pick them up within 20 days of the date of your Notice of Cancellation, you may retain or dispose of the goods without any further obligation. If you fail to make the goods available to the Seller, or if you agree to return the goods to the Seller and fail to do so, then you remain liable for performance of all obligations under the Contract. To cancel this transaction, mail or deliver a signed and dated copy of this cancellation notice or any other written notice, or send a telegram, to:

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

30 Forbes Road

Northborough, MA 01532

Phone: 508-351-2200

Fax: (508) 986-7072

Email: rbabostonbooking@andersencorp.com

**NOT LATER THAN MIDNIGHT OF 08/05/2020
OR THE THIRD BUSINESS DAY AFTER THE DATE
OF THIS TRANSACTION, WHICHEVER DATE IS LATER.**

I HEREBY CANCEL THIS TRANSACTION

Buyer Signature

Date

NOTICE OF CANCELLATION

Date of Transaction: 08/01/20. You may cancel this transaction, without any penalty or obligation, before midnight on 08/05/2020 or the third business day after the date of this transaction, whichever date is later. If you cancel, any property traded in, any payments made by you under the Contract or Sale, and any negotiable instrument executed by you will be returned within 10 business days following receipt by the Seller of your cancellation notice, and any security interest arising out of the transaction will be canceled. If you cancel, you must make available to the Seller at your residence, in substantially as good condition as when received, any goods delivered to you under this Contract or Sale; or you may, if you wish, comply with the instructions of the Seller regarding the return shipment of the goods at the Sellers expense and risk. If you do make the goods available to the Seller and the Seller does not pick them up within 20 days of the date of your Notice of Cancellation, you may retain or dispose of the goods without any further obligation. If you fail to make the goods available to the Seller, or if you agree to return the goods to the Seller and fail to do so, then you remain liable for performance of all obligations under the Contract. To cancel this transaction, mail or deliver a signed and dated copy of this cancellation notice or any other written notice, or send a telegram, to:

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Buyer Signature

Date

Detail Summary Review



COLORCOLOR***COLOR***COLOR***

COLOR***COLOR***COLOR***COLOR***		
<p>Exterior</p> <p>White Eggshell Black Tan Red Teal/Green</p>	<p>Interior</p> <p>Almond Blue Grey</p>	<p>Use these tags to indicate color.</p>
Notes		

GRILLESGRILLES***GRILLES***GRILLES***

--	--

SCREENSCREEN***SCREEN***SCREEN***

Low Transparency	High Transparency	Notes
 <p>Free glass</p>	 <p>TruScene Wood framed</p>	<p>Maple</p> <p>Pine</p> <p>Oak</p>

HARDWAREHARDWARE***TRIM***ALARM***

Standard				Estate								Lifts	Alarm	Foot Lock	Notes
											YES	YES	YES		
White	Canvas	Suede	Dark Leather	Light Brown	Medium Brown	Dark Brown	Black	Black	Black	Black	NO	NO	NO		

STANDARD INTERIOR

Sculpt	Yuna	Herby	Mistral	Columbo	Averi	Averi	Dover

STANDARD EXTERIOR

1/2" Oval	1/2" Oval	1/2" Oval

STANDARD INTERIOR

1/2" Oval	1/2" Oval	1/2" Oval

HANDLINGHANDING**HANDING****

HANDINGHANDING***HANDING***

Note: All Handling is viewed from the Outside

****CUSTOMER MUST SIGN HERE IF DOOR OPERATION
HAS CHANGED FROM EXISTING****















Left-Right Left-Balcony-Right Sliding Window Two-Panel Three-Panel Single Open


Choose Window Flaming Reception

SIGNATURE

GLASSGLASS***

GLASSGLASS***GLASS***GLASS***

Performance		Pattern				Strength
Standard	SmartSun					Tempered
HeatLock	Sun					Not Tempered

Customer: 

Approvals: Sales Rep

Customer

provals: Sales Rep _____ Customer _____
This document is solely intended as a summary of a project and does not constitute a written or oral agreement.



Payment Authorization Form

Select and complete all applicable fields. Payment methods may be combined.

Sean Fitzgerald
Customer (Borrower) Name

Phone

15,659
Contract Amount \$

Customer (Co-Borrower) Name

Phone

John Beaver
Sales Consultant Name

Same
Address

City

State

Zip

Finance Program*

Finance Plan #

Application ID

Offer Expiration Date

* If your financing is pending, the Finance Program and Finance Plan is subject to change.

Payment Schedule (\$ Amount)

Cash:

1/3
Contract Signing

1/3
Start of Install

1/3
Install Substantially Complete (1)

Check:

Contract Signing

Start of Install

Install Substantially Complete (2)

Credit Card (2):

Contract Signing

Start of Install

Install Substantially Complete (2)

Financing:

Contract Signing

Start of Install

Install Substantially Complete (2)

(1) INSTALL SUBSTANTIALLY COMPLETE: final payment is due on the day of installation when all windows and/or doors included in this agreement have been installed into their openings and any interior and exterior trims have been applied ("substantially complete"). If there are any outstanding warranty claims or service items, customer may retain an amount equal to the value of the outstanding item(s) or work to be done, not to exceed 10% of the total purchase price. Due to project changes after Contract Signing, the final payment is subject to change.

(2) For credit card payments after Contract Signing, customer's credit card will be recharged using Transamerica tokenization.

By signing below, I/we, the Customer (Borrower):

1. Authorize Renewal by Andersen to transact payments based on the amount(s), form of payment(s), and timing specified in the Payment Schedule above.
2. Instruct the Lender (if applicable) to disburse the proceeds of the loan to Renewal by Andersen as identified above in the amount(s) and timing specified in the Payment Schedule.
3. Acknowledge the use of the loan to make a purchase will constitute acceptance by all Borrowers of the Loan Agreement.
4. Understand that Renewal by Andersen must be notified in writing of a change in payment method in advance of the respective payment.

Sean Fitzgerald
Customer (Borrower) Name

Signature

Date

8-1-20

Customer (Co-Borrower) Name

Signature

Date

*Deposit 5219.
by Check*



Terms and Conditions of Sale

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

30 Forbes Road | Northborough, MA 01532

Phone: 508-351-2200 | Fax: (508) 986-7072 | rbabostonbooking@andersencorp.com

Sean Fitzgerald

64 Westminister Ave.

Arlington, MA 02474

H: (617)755-1873

1. Parties and Acceptance. This Agreement (as defined in the Agreement Document and Payment Terms to which these Terms and Conditions of Sale are attached and incorporated into by reference, which includes, but is not limited to, these Terms and Conditions of Sale) is between you, which means each person who signs this Agreement as a Buyer, and Renewal by Andersen LLC (referred to in this Agreement as "Contractor"). All agreements are subject to final acceptance by management of Contractor. Contractor agrees to provide the products and services outlined in this Agreement only on the condition that you agree to accept the terms and conditions of sale set forth in this Agreement.

2. Quotations and Prices. This Agreement will expire thirty (30) calendar days from the date signed by a Contractor representative, unless it has been accepted by you before such date. Quoted prices apply only to the specific products and service and quantities stated in this Agreement, and such prices may be adjusted by Contractor to reflect additional costs and expenses associated with circumstances which are unanticipated and unforeseen at the time this Agreement is accepted by Contractor. Unless otherwise expressly specified in this Agreement, all amounts quoted exclude all present and future federal, state and local excise, sales/use, privilege, personal property, gross receipts and similar taxes and charges payable with respect to the products and services under this Agreement.

3. Limited Warranty. The products sold to you pursuant to this Agreement are subject to the Limited Warranty for Renewal by Andersen® Products and Installation, a copy of which has been furnished to you and is incorporated in this Agreement by reference.

4. Payment Terms. Unless otherwise expressly specified in this Agreement, a down payment of fifty percent (50%) of the Total Amount of Agreement identified on the front of this Agreement is required to be made by you upon your acceptance of this Agreement. The remaining balance of the Total Amount of Agreement is due on the day the services contemplated by this Agreement are substantially completed; provided that if any services contemplated by this Agreement have not been completed by that day, you may withhold an amount equal to the greater of ten percent (10%) of the Total Amount of Agreement or the price of the uncompleted services and pay such amount when such services are completed. If permissible under applicable law, any amount not paid when due will bear a charge, commencing thirty (30) calendar days after delivery of the products and completion of the services contemplated by this Agreement, in an amount equal to the lesser of one and one-half percent (1 1/2%) per month of the unpaid balance or the maximum amount permitted by applicable law. You agree to pay Contractor's reasonable attorneys' fees and costs in connection with enforcing any of the terms and conditions of this Agreement, including, without limitation, recovering the payment of any amounts due under this Agreement. Notwithstanding the foregoing, if, in Contractor's judgment, your financial condition at any time prior to shipment of the products or performance of the services does not justify shipment or performance, Contractor may, at its option, require full or partial payment in advance or may cancel shipment of the products and performance of the services under this Agreement without incurring any cost or liability.

5. Delays. Performance dates are estimated only and are not guaranteed; performance being made on a best efforts, as available basis. Contractor will make every reasonable effort to meet any performance dates quoted in this Agreement, but Contractor will not be liable for its failure to meet such dates. Contractor has the right to install the products or perform the services in advance of the scheduled date. You acknowledge that actual installation and performance dates may depend upon a variety of factors, including, without limitation, weather, flood, fire, strikes or labor disturbances, acts of God, your acts, governmental prohibition of importation or exportation, acts of civil or military authority, insurrection or riot, embargoes, inability to obtain means of transportation, accidents or delays in transportation, the inability to obtain necessary labor, materials or manufacturing facilities, or other events beyond Contractor's control. If the occurrence of any of the above events prevents Contractor from performing its obligations under this Agreement, Contractor may at its option, either suspend or cancel performance of its obligations under this Agreement without any cost or liability. In no event will Contractor be liable for any damage, consequential or otherwise, arising from any premature or delayed performance.

6. Title; Security Interest; Lien. Title to the products sold under this Agreement will remain in Contractor and will not shift to you until you have performed all of your obligations under this Agreement. To secure your performance, Contractor retains, and you hereby grant to Contractor, a security interest in such products. Upon request of Contractor, you agree to sign and authorize Contractor to file any

Legal Name: Renewal by Andersen LLC

dba: Renewal by Andersen of Boston

Buyer(s)

Signature of Sales Person

Signature

Signature

John Beaver

Sean Fitzgerald

Print Name of Sales Person

Print Name

Print Name



Terms and Conditions of Sale

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

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Arlington, MA 02474

H: (617)755-1873

document required to perfect such security interest. To assist in doing so, you will upon our request verify your legal name and the legal description of your premises. Payment in full of the amounts due under this Agreement will release the security interest. Contractor reserves the right to file and perfect a lien against your premises in the event that you fail to pay the Total Amount of Agreement upon completion of the services contemplated by this Agreement. Failure to pay any such amount when due shall constitute a default and permit Contractor to demand payment of all amounts payable under this Agreement, whether or not otherwise then due, and to exercise all remedies on any security interest or lien securing such amounts.

7. Cancellation. Except as otherwise provided in this Agreement and in the attached Notice of Cancellation form, this transaction is non-cancelable and Contractor will be entitled to collect the Total Amount of Agreement in the event that you attempt to cancel. Contractor also has the right to cancel this Agreement without incurring any cost or liability upon your breach of this Agreement, material or otherwise, or upon your default.

8. Waste. Contractor agrees to remove and transport away from your premises the replaced windows and doors and any other debris and waste materials which are generated by Contractor in connection with the delivery of products and performance of the services under this Agreement. You may elect to keep the replaced windows and doors but Contractor is not responsible for breakage of any of the replaced windows or doors either during or after their removal nor does Contractor guarantee that replaced windows and doors will function properly after their removal.

9. Access. You represent that you are the owner of the premises which are the subject of this Agreement. You agree to grant Contractor reasonable access to your premises during normal business hours and days for purposes of installing the products and performing the services contemplated by this Agreement. Except as otherwise requested by you in the pre-installation checklist, you agree to move or remove all draperies, blinds, shades, furniture and any other items that are in the immediate vicinity of any window or door which is to be replaced. Contractor is not responsible for damage to any items that it moves or removes to facilitate the installation of any new window or door.

10. Assignment and Delegation. Contractor may assign its rights and delegate its obligations under this Agreement without your consent.

11. Governing Law. This Agreement will be governed by and construed in accordance with the laws of the state in which the premises subject to this Agreement are located as listed on the front of this form (without regard to the laws of conflict of any jurisdiction) as to all matters, including, without limitation, matters of validity, interpretation, construction, effect, performance, enforcement and remedies.

12. Validity of Provisions; Severability. The provisions of this Agreement will be interpreted to be valid and enforceable under applicable law to the extent that such interpretation does not materially alter such provisions; provided, that if any such provision becomes invalid or unenforceable under applicable law, such provision will be stricken to the extent necessary and the remainder of such provision and the remainder of this Agreement will continue in full force and effect.

13. Non-Waiver of Rights. No failure or delay by Contractor to assert any right or remedy under this Agreement will be a waiver of that right or remedy if the circumstances giving rise to the right or remedy continue or are repeated. No waiver will be effective unless given in writing. No term or provision of this Agreement will be construed to limit, in any manner, the rights or remedies available to Contractor under applicable law or otherwise, but rather are in addition to and cumulative of such other rights or remedies.

14. Arbitration. Unless you and Contractor otherwise mutually agree in writing, all claims and disputes arising in connection with the making of, entering into or performance of this Agreement will be finally settled by binding arbitration in accordance with the Commercial Arbitration Rules of the American Arbitration Association in effect on the date of this Agreement by a single arbitrator appointed in accordance with such Rules. The costs of the arbitrator and the costs of both parties of proceeding in arbitration, including, without limitation, reasonable attorneys' fees and expenses, will be borne as to each claim submitted to arbitration by the substantially non-prevailing party on that claim. The award of the arbitrator will be in writing and will contain findings of fact and conclusions concerning applicable law. Judgment upon the award rendered by the arbitrator may be entered in any court having proper jurisdiction. Notwithstanding this arbitration provision, Contractor may bring an action in court to collect any amount owed under this Agreement, including the enforcement

Legal Name: Renewal by Andersen LLC

dba: Renewal by Andersen of Boston

Buyer(s)

Signature of Sales Person

Signature

Signature

John Beaver

Sean Fitzgerald

Print Name of Sales Person

Print Name

Print Name



Terms and Conditions of Sale

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

30 Forbes Road | Northborough, MA 01532

Phone: 508-351-2200 | Fax: (508) 986-7072 | rbabostonbooking@andersencorp.com

Sean Fitzgerald

64 Westminster Ave.

Arlington, MA 02474

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of any lien or similar rights.

15. Entire Agreement; Modification. You and Contractor agree that this Agreement (including all of the attachments) is the final expression of our agreement, is the complete and exclusive statement of the terms and conditions of our agreement and supersedes all agreements, understandings or discussions, whether oral or written, entered into prior to or contemporaneously with this Agreement. This Agreement may not be modified or amended except in writing signed by you and Contractor.

16. Attachments. Certain state and federal laws require that notices, or terms and conditions different from or in addition to those contained elsewhere in this Agreement, be given to you. Such notices or terms and conditions, if any, may be included on one or more separate sheets attached to this Agreement and are incorporated in this Agreement by reference, and supersede and govern any conflicting or inconsistent notice or term or condition contained herein, if received by you prior to, or contemporaneously with, your execution of this Agreement. Your initialing of the separate sheets evidences your receipt, review and approval of such required notices, but evidence of your receipt of these materials can be shown in any other reasonable manner, including your receipt via electronic mail or other electronic delivery, your acknowledgment of receipt of such materials in a separate place on the Agreement, or by the separate records of Contractor which show your signature or receipt of such materials.

Legal Name: Renewal by Andersen LLC

dba: Renewal by Andersen of Boston

Signature of Sales Person

John Beaver

Print Name of Sales Person

Buyer(s)

Signature

Sean Fitzgerald

Print Name

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Print Name



Lead-Safe Form

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

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Within the Lead-Safe Form, "You" or "I" refers to the Buyer(s) (who may also be referred to herein as the "Customer(s)").

Lead Safe Work Pamphlet Receipt and Lead Safe Work Process

Pamphlet Receipt

I have received a copy of the lead hazard information pamphlet informing me of the potential risk of the lead hazard exposure from renovation activity to be performed in my dwelling. I received this pamphlet before the work began.

Lead Safe Work Process

Renewal by Andersen of Boston does not test for lead based paint. All homes built prior to 1978 will have Lead Safe Work Practices performed during the installation as required by EPA's Lead-Based Paint Renovation, Repair, and Painting Rule.

Please Note: There is no additional charge to perform Lead Safe Work Practices during your installation.

Lead Safe Work Practices Installation Preparation

The following will apply to your installation if Lead Safe Work Practices are performed:

- 1. AC/Furnace-** You will need to temporarily turn off your air conditioning or furnace during the portion of installation where Lead Safe Work Practices are being performed.
- 2. Preparation-** Please remove all bed linens, pillows, and children's toys from the work area(s).
- 3. Warning-** When a containment area is set up by the installation crew, no one is permitted inside the room/containment area with the exception of the installation crew members.

By signing below, I hereby agree to the terms and conditions above.

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Signature of Sales Person

John Beaver

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Waiver

dba: Renewal by Andersen of Boston

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Tile/Stucco Waiver:

Renewal by Andersen of Boston will take the utmost precaution and attempt to install your new windows/Doors without damaging the existing tile and/or stucco. However, I acknowledge the fact that there is a chance of possible tile and/or stucco damage during installation and I accept this risk, and assume all responsibility for the cost to fix, repair or replace and will not hold Renewal by Andersen of Boston responsible if tile/stucco damage occurs.

Opening modification notice:

Closing an opening:

Price includes:

- Adding framing to opening to support exterior sheathing and the interior wall board.
- Insulation of wall cavity with fiberglass bat insulation and required vapor barrier.
- Patching of the interior wall with sheet rock/gypsum board as necessary. The joints to be taped, joints and screws heads coated with one coat of joint compound (mud).
- Patching of exterior wall with comparable sheathing
- Required inspections by building official
- Exterior siding or wall finishing

Price does not include

- Finish coat of interior joint compound and sanding
- Painting or other finishing of interior or exterior wall or ceiling

Enhancing/Enlarging an opening:

Price includes:

- Temporary structure support during header change out, as required.
- Removal of existing interior sheet rock/gypsum wallboard and exterior siding (excluding brick and stone) as required for access to safely remove existing framing and properly install new framing.
- Dust control to the best of our ability. Dust can migrate beyond the work area. We will vacuum the immediate work area, but are not responsible

for all dust clean up (unless lead safe work practice is required).

- New framing installed to meet code requirements.
- Fiberglass insulation and required vapor barrier.
- Patching of interior wall with sheet rock/gypsum board as necessary. The joint to be taped, joint and screwheads coated with one coat of joint compound.

Plaster walls are prone to cracks beyond the immediate work area, these repairs are not included.

- Framing inspection and final inspection by building official.
- Removal and disposal of all debris.

Price does not include

- Finish coat of interior joint compound and sanding

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Signature

Signature

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Waiver

dba: Renewal by Andersen of Boston

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- Painting or other finishing of interior or exterior wall or ceiling
- Plaster repair required beyond the immediate work area.

Water damage/Infiltration Waiver:

Renewal by Andersen will install all products in compliance with all Andersen specifications. However, As the customer I acknowledge the fact that there could be issues beyond the scope of our installation that can cause product failure. These issues are such as listed but not limited to ice damming, incorrect siding/gutter/flushing or inappropriate opening elevation, etc. should any of these conditions exist, the customer will assume all responsibility for the cost to fix, repair or replace and will not hold Renewal by Andersen responsible if damage occurs.

Please note that repairing any unseen damage and/or rectifying poor original construction methods are not included in our cost. If anything of this nature is discovered at the time of installation, **upon your approval** we will make every attempt to repair the problem at an additional cost to the contract.

It is the homeowners responsibility to make sure any existing electrical and/or mechanical/plumbing that impede the proposed opening is moved prior to the installation.

I have read the above statements and I understand the scope of work and the potential additional costs that will be required to complete the finish work (I.e. Patching, finish taping, priming, painting, ceilings, siding, stucco, tile), and understand these will be my responsibility.

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Signature of Sales Person

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Owner or Builder

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

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Owner Or Builder (As Agent Of Owner) Must Complete & Sign This Section

I, as Owner / Authorized Agent hereby declare that the statements and information on the foregoing application for the property/address indicated on this agreement.

Signed under the pains and penalty of perjury.

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Signature of Sales Person

John Beaver

Print Name of Sales Person

Buyer(s)

Signature

Sean Fitzgerald

Print Name

Signature

Print Name



Electronic Consent

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

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Welcome to Renewal by Andersen LLC d/b/a Renewal by Andersen of Boston, which may be referred to as "we" or "us" in this document. "You" or "I" refers to the Buyer(s) (who may also be referred to herein as the "Customer(s)").

You are receiving this Electronic Consent Notice as part of your eGreement packet. You previously agreed to enter into eGreement contract(s) electronically and use electronic signatures. You also agreed to exchange information with us electronically and allow us to electronically provide records, notices and legal disclosures.

Your Rights

You understand that: (i) you have the right to have the contract(s) provided in paper or electronic form and (ii) your consent applies to this transaction and any notices, agreements, legal disclosures, reports, documents, communications, and/or other records relating to this transaction or any of our services and/or products.

You may at no cost to you: (a) withdraw your consent to contract electronically or use electronic signatures, exchange information with us electronically, or have the records, notices and legal disclosures provided in electronic form as described in this paragraph at no cost to you; and/or (b) you may obtain a paper copy at no charge if you request a copy from the sales representative or at the email noted above.

Please note that withdrawing your consent may delay the receipt of documents and information.

Our Right to Send You Paper Documents

We may sometimes give or send you paper documents even if you have consented to receive documents electronically.

Hardware and Software Requirements

You will need to meet the following hardware and software requirements to access the contract: access to any device modern web browser, an Internet connection, and the ability to view a PDF.

Privacy Notice

We will collect certain personal information from you. In order to help you understand how we use information collected in connection with this or other transactions, please refer to our privacy policy at:

<http://www.renewalbyandersen.com/about/legal-privacy.aspx>

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Signature of Sales Person

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Print Name of Sales Person

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Electronic Consent

dba: Renewal by Andersen of Boston

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Data Retention

The information and documents we send you electronically are available unless and until you delete the information and documents on your electronic device. You may want to download and save any materials that we send to you electronically since you are responsible for keeping them for your records.

Contact Us

If you have any trouble printing, downloading or accessing any documents, please contact your sales representative or call us at 508-351-2200 to request a paper copy at no cost to you.

If you have any questions about your Renewal by Andersen® products, please contact your sales representative or call us at 508-351-2200

Changing Your Contact Information

You can change your contact information, at no cost to you, by calling us at 508-351-2200

Your Agreement and Consent

I acknowledge by receipt of this Electronic Consent Notice that:

1. I have read this notice about the use of electronic documents.
2. I agree to the use of electronic documents instead of printed documents and understand this satisfies any legal requirement.
3. I am able to download and review files in PDF format.
4. I have access to any device modern web browser, Internet access, and can send and receive emails with links to websites.
5. My consent applies to documents we will send you electronically.

Thank you again for working with Renewal by Andersen LLC d/b/a Renewal by Andersen of Boston!

Legal Name: Renewal by Andersen LLC

dba: Renewal by Andersen of Boston

Signature of Sales Person

John Beaver

Print Name of Sales Person

Buyer(s)

Signature

Sean Fitzgerald

Print Name

Signature

Print Name



MA Contractor Arbitration

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

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This Massachusetts Contractor Arbitration is a supplement to your Agreement Document and Payment Terms and all documents incorporated therein (the "Agreement") with Renewal by Andersen LLC ("Contractor"). All provisions of this supplement are incorporated into the Agreement as if such provisions were fully and completely set forth in the Agreement. Any conflict between the terms of the Agreement and this Addendum will be resolved in favor of this Addendum.

The Home Improvement Contractor Law provides homeowners with the right to initiate an arbitration action (as an alternative to court action) if they have a dispute with a contractor. The same right is not automatically afforded to a contractor, however. The contractor would have to resolve any dispute he/she has with a homeowner in court unless both parties agree to the optional clause provided below. This clause would give the contractor the same right to arbitration as is afforded to the homeowner by the Home Improvement Contractor Law.

The contractor and the homeowner hereby mutually agree in advance that in the event the contractor has a dispute concerning this contract, the contractor may submit the dispute to a private arbitration firm which has been approved by the Secretary of the Executive Office of Consumer Affairs and Business Regulation and the consumer shall be required to submit to such arbitration as provided in Massachusetts General Laws, chapter 142A.

NOTICE: The signatures of the parties below apply only to the agreement of the parties to alternative dispute resolution initiated by the contractor. The homeowner may initiate alternative dispute resolution even where this section is not separately signed by the parties.

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Project Preparation Expectation

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

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NOTES

1. Renewal by Andersen cannot guarantee existing paint lines or wallpaper lines will be covered by trim after the new units are installed.
2. Any painting, staining or wallpapering which may be needed is not included in this Agreement unless specifically noted in the Itemized Order Receipt.
3. Renewal by Andersen cannot guarantee the fit of the original window coverings after the new units are installed.
4. Removal and reinstallation of window coverings are solely the responsibility of the customer unless specifically noted in the Itemized Order Receipt.

TECHNICAL MEASURE PREPARATION

You are required to be present during your technical measure in order to open your home and review your contract specifications with our technician. We ask that you ensure the technician has access to the interior and exterior of the windows and doors for the measuring process.

PRE-INSTALLATION PREPARATION:

1. Move all furniture away from the windows or doors at least six feet.
2. Remove all pictures and fixtures from walls where windows or doors are being replaced.
3. Remove all shades, shutters, and draperies from windows/doors being replaced.
4. Renewal by Andersen is not responsible for removing or replacing shutters, drapes, mini-blinds, window coverings, etc., unless stipulated within the Agreement.
5. If full-frame installation OR insert installation with aluminum wrap, remove exterior shutters and awnings.
6. In the event that your municipality, city, town, village or other regulatory authority requires a permit for your project, specific code requirements may have to be met. This could include, but not limited to, safety glass, egress windows in bedrooms, and smoke detectors. Renewal by Andersen will arrange for the permit and inspection, if required, for your project. You may have asked to be present for the inspection. Renewal by Andersen bears no financial obligation for cost incurred to meet code requirements.
7. If your home has a security system, you (the homeowner) will need to call and make arrangements to have your system disconnected prior to the installation and re-connected after installation. **Note:** Some security companies may need to be onsite during installation.
8. If your home has an air conditioning unit in any of the windows being replaced, you must have it removed prior to window installation.
9. If you have pets, it is preferable to keep them confined while the installation is taking place.
10. Final payment, if not already made, is due the day of installation.

DAY OF INSTALLATION

Renewal by Andersen requests the homeowner to be present at the completion of install to complete a final walk through and sign off on the completed project.

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Renewal by Andersen® Products and Installation Transferable Limited Warranty

UNITS INSTALLED AFTER MAY 1, 2016

Your Renewal by Andersen® products are warranted under a fully transferable limited warranty covering parts, labor and original installation services.

Transferable Limited Warranty on Glass

The glass in Renewal by Andersen® factory glazed windows (including high-performance Low-E4® glass, high-performance Low-E4® Sun glass, high-performance Low-E4® SmartSun™ glass, high-performance SmartSun glass with HeatLock® technology, patterned glass [including obscure, fern, reed and cascade designs]), Finelight™ grilles, divided light grilles and tempered versions of these glass options is warranted to be free from defects in manufacturing, materials and workmanship for twenty (20) years from the original installation date. It is also warranted not to develop, under normal conditions, any material change in appearance resulting from manufacturing defects or as a result of premature failure of the glass or organic seal for twenty (20) years from the original installation date. This limited warranty on glass does not apply to special order glazings, art glass, insulated art glass, impact-resistant glass or glass that is not factory installed by Renewal by Andersen.

In the event a glass failure occurs as a result of a defect in manufacturing, materials or workmanship within the limited warranty period, Renewal by Andersen, at its option, will: [1] provide and install the appropriate replacement glass product or [2] provide a factory-authorized repair to the existing glass. Such replacement or repair is warranted for the remainder of the original limited warranty period.

Transferable Limited Warranty on Fibrex® Material Components

The Fibrex® material components of your Renewal by Andersen windows (including frame, sash, and exterior grilles) are warranted not to flake, rust, blister, peel, crack, pit or corrode and be free from defects in manufacturing, materials and workmanship for a period of twenty (20) years from the original installation date.

In the event a Fibrex material component fails as a result of a defect in manufacturing, materials or workmanship within the limited warranty period, Renewal by Andersen, at its option, will: [1] provide and install the appropriate replacement parts or [2] provide a factory-authorized repair to the existing product. Such replacement or repair is warranted for the remainder of the original limited warranty period.

Transferable Limited Warranty on Components Other Than Glass

The non-glass portions of your Renewal by Andersen windows (including non-electric operators, locks, lifts, balance systems, hinges, handles, insect screens, weatherstripping, sash and frame members) are warranted to be free from defects in manufacturing, materials and workmanship for a period of ten (10) years from the original installation date.

In the event a component other than glass fails as a result of a defect in manufacturing, materials or workmanship within the limited warranty period, Renewal by Andersen, at its option, will: [1] provide and install the appropriate replacement parts or [2] provide a factory-authorized repair to the existing product. Such replacement or repair is warranted for the remainder of the original limited warranty period.

Transferable Limited Warranty on Exterior Color Finish

The color finish on the Fibrex® material exterior components (frame, sash, window sills and grilles) on Renewal by Andersen windows is warranted to be free from manufacturing defects resulting in color fade greater than 5 delta-E* measured in accordance with ASTM D2244 for a period of ten (10) years from the original installation date.

What is not covered by this exterior color finish warranty: weatherstripping, accessories and hardware, including insect screen frames, handles, trim sets and lock components, exterior trim profiles and exterior aluminum coil stock.

In the event there is a defect covered by this limited warranty for exterior color finish within the limited warranty period, Renewal by Andersen, at its option, will: [1] refinish the product – labor is included (the finish will be applied with standard commercial refinishing techniques and may not be the same finish as originally applied to the product) or [2] repair or replace the product. Such replacement parts or repairs are warranted for the remainder of the original limited warranty period.

Transferable Limited Warranty on Installation

Installation of your Renewal by Andersen windows or other Andersen window and/or door products by an authorized Renewal by Andersen contractor is warranted for a period of five (5) years from the date of original installation. During this period, should your Renewal by Andersen window or door fail to perform according to our specifications due to improper original installation, we will bring the workmanship up to our professional standards, at no cost to you.

This limited warranty on installation does not extend to labor/services performed by anyone other than the original authorized installer or other authorized Renewal by Andersen contractor, nor to the installation or repair of any finishing or other materials that have been applied to or adjacent to the product after the initial installation.

No Other Warranties or Representations

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL WARRANTIES ARE LIMITED TO THE APPLICABLE STATUTE OF LIMITATIONS, BUT IN NO CASE WILL EXTEND BEYOND THE LIMITED WARRANTY PERIODS SPECIFIED ABOVE. RENEWAL BY ANDERSEN EXCLUDES AND WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER ARISING OUT OF CONTRACT, TORT OR OTHERWISE. THE REMEDY OF REPAIR OR REPLACEMENT OF THE ACTUAL PURCHASE PRICE OF THE PRODUCT PROVIDED BY THIS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY WITH RESPECT TO ANY AND ALL LOSS OR DAMAGE.

Applicable Law

This Limited Warranty is only applicable in the U.S.A. (i.e. the fifty states and the District of Columbia) and Canada. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state or province. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitation of the duration of an implied warranty, so the above limitations or exclusions may not apply to you. If any specific term of this Limited Warranty is prohibited by any applicable law, it shall be null and void, but the remainder of this Limited Warranty shall remain in full force and effect.

What is **Not** covered by this Limited Warranty

Specific Additional Exclusions

In addition to any other limitations or exclusions in this Limited Warranty, Renewal by Andersen shall have no obligation for product failure, damage or costs due to or related to the following:

- Product modifications or glass shading devices (e.g. glass tinting, security systems, improper painting or staining, insulated coverings, etc.)
- Failure due to the application of non Renewal by Andersen hardware (e.g. locksets, trim sets, hinges, panic hardware, closers, etc.)
- Water infiltration other than as a result of a defect in manufacturing, materials or workmanship
- Failure as a result of settling or structural failure of the structure in which the products are installed
- Condensation, other than as a result of a defect in manufacturing, materials or workmanship
- Improper maintenance, such as use of brick wash, razor blades, sealants, sanding or improper washing
- Failing to properly seal and maintain the exposed wood portions and veneer of a product in accordance to Renewal by Andersen painting or staining guidelines
- Fading of furniture, flooring, window coverings or other surrounding materials
- Chemicals or airborne pollutants, such as salt or acid rain
- Accidents
- Acts of God
- Normal wear and tear

Additional items excluded from this limited warranty:

- Products not manufactured by Renewal by Andersen
- Installation services by other than authorized Renewal by Andersen installers
- Removal of Renewal by Andersen windows from the structure in which it was originally installed by anyone other than an authorized Renewal by Andersen installer
- The performance of the low-maintenance exterior glass coating on products with high-performance Low-E4® glass – performance will vary depending on environmental conditions
- Slight glass curvature, minor scratches or other imperfections in the glass that do not impair structural integrity or significantly obscure normal vision
- Rattling of grille bars within an air space
- Insects passing through or around the insect screen
- Tarnish or corrosion to hardware finishes
- Special glazings – contact us concerning the limited warranty on special glazings
- Art glass and decorative insulated art glass, impact-resistant glass
- Renewal by Andersen Series 2 windows and patio doors, Andersen® A-Series windows and doors, 400 Series and 200 Series windows and doors, 400 Series windows with Stormwatch® protection and impact-resistant glass, 100 Series windows and doors, storm doors, E-Series windows and doors, Silver Line® windows and doors, American Craftsman® windows and doors and Weiland® windows and doors have their own limited warranties and are not covered by this Limited Warranty – for information on warranty coverage for these products, please refer to the specific limited warranties for these products – they are available at andersenwindows.com

Warranty Claim Procedure

To make a claim under this Limited Warranty, contact the nearest Renewal by Andersen® showroom, our Warranty Service Line at 800-441-1109 or visit our website at renewalbyandersen.com. We will contact you to investigate your claim within approximately two weeks after notification and arrange for appropriate action. Warranty services may be provided by Renewal by Andersen and/or an authorized Renewal by Andersen service provider.

You can help us serve you faster by providing the following important information:

- The serial number of the affected product (e.g., located on a label affixed to the top or side of the window frame)
- Description of the product concerns
- Documentation of the purchase date, if available
- Your name, address (with zip code) where product is installed and telephone numbers

Non-Warranty Repair

You will be responsible for all costs related to any repair that is not covered by this Limited Warranty or which is outside of the limited warranty period. When warranty coverage is unclear, Renewal by Andersen may charge an inspection fee for any on-site product inspections. If the inspector determines the Renewal by Andersen product has a defect covered by this Limited Warranty, the inspection fee will be waived.



MASSACHUSETTS ADDENDUM

This Addendum is a supplement to your Agreement Document and Payment Terms and all documents incorporated therein (the “Agreement”) with Renewal by Andersen LLC (“Contractor”). All provisions of this supplement are incorporated into the Agreement as if such provisions were fully and completely set forth in the Agreement. Any conflict between the terms of the Agreement and this Addendum will be resolved in favor of this Addendum.

- 1) The following language is added to the Agreement:

MINIMUM DOWNPAYMENT

Any deposit required under the contract to be paid in advance of the commencement of work under said contract shall not exceed the greater of one-third of the total contract price or the actual cost of any materials or equipment of a special order or custom made nature, which must be ordered in advance of the commencement of work, in order to assure that the project will proceed on schedule.

- 2) The following language is added to the Agreement:

ADDITIONAL INFORMATION

If you have general questions or need additional information about the Home Improvement Contractor Law or other consumer rights, or if you wish to obtain a free copy of “A Massachusetts Consumer Guide to Home Improvement” contact:

Consumer Information Hotline
Office of Consumer Affairs and Business Regulation
10 Park Plaza, Room 5170, Boston, MA 02116
617-973-8787, 888-283-3757 or visit the OCABR website at <http://www.mass.gov/ocabr/>

If you want to verify the registration of a contractor or if you have questions or need additional information specifically about the contractor registration component of the Home Improvement Contractor Law, contact:

Director of Home Improvement Contractor Registration
Office of Consumer Affairs and Business Regulation
10 Park Plaza, Room 5170, Boston, MA 02116
617-973-8787, 888-283-3757 or visit the HIC website at <http://www.mass.gov/ocabr/>

Go online to view the status of a Home Improvement Contractor’s Registration:
<http://db.state.ma.us/homeimprovement/licenseelist.asp>

For assistance with informal mediation of disputes or to register formal complaints against a business, call:

Consumer Complaint Section
Office of the Attorney General
617-727-8400
AND/OR
Better Business Bureau
508-652-4800, 508-755-2548 or 413-734-3114

3) The following language is added to the Agreement:

NOTICE

DO NOT SIGN THIS CONTRACT IF THERE ARE ANY BLANK SPACES.

4) The following language is added to the Agreement:

Renewal by Andersen LLC's registration number is: 170810.

Renewal by Andersen LLC's employer identification number is: 41-1918413.

5) The following language is added to the Agreement:

Please refer to Section 142A of the Massachusetts General Law ("Regulation of Home Improvement Contractors") to understand your right under such law.

MASSACHUSETTS PERMITS

This Massachusetts Permits document is a supplement to your Agreement Document and Payment Terms and all documents incorporated therein (the “Agreement”) with Renewal by Andersen LLC (“Contractor”). All provisions of this supplement are incorporated into the Agreement as if such provisions were fully and completely set forth in the Agreement. Any conflict between the terms of the Agreement and this Addendum will be resolved in favor of this Addendum.

PERMIT NOTICE:

All Home Improvement Contractors shall obtain any and all necessary construction-related permits and it shall be the obligation of the Contractor to obtain such permits.

Owners who secure their own construction-related permits or deal with unregistered contractors shall be excluded from access to the Guarantee Fund provisions of MGL chapter 142A.



CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 09/18/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Willis Towers Watson Midwest, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@willis.com														
INSURED Renewal by Andersen LLC 30 C Forbes Road Northborough, MA 01532 USA	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: center;">NAIC #</th> </tr> <tr> <td>INSURER A: Old Republic Insurance Company</td> <td>24147</td> </tr> <tr> <td>INSURER B:</td> <td></td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Old Republic Insurance Company	24147	INSURER B:		INSURER C:		INSURER D:		INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A: Old Republic Insurance Company	24147														
INSURER B:															
INSURER C:															
INSURER D:															
INSURER E:															
INSURER F:															

COVERAGES
CERTIFICATE NUMBER: W12663065

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY			MWZY 314161 19	10/01/2019	10/01/2020	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
							MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$
A	AUTOMOBILE LIABILITY			MWTB 314159 19	10/01/2019	10/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	EXCESS LIAB						AGGREGATE \$
	DED <input type="checkbox"/> RETENTION \$						\$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			MWC 314158 19	10/01/2019	10/01/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y / N					E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	No	N / A				E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER
CANCELLATION

Evidence of Insurance	<p>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</p> <p>AUTHORIZED REPRESENTATIVE</p> <p style="text-align: center;"><i>Est. J. How</i></p>
-----------------------	--

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Release Agreement

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

30 Forbes Road | Northborough, MA 01532

Phone: 508-351-2200 | Fax: (508) 986-7072 | rbabostonbooking@andersencorp.com

Sean Fitzgerald

64 Westminister Ave.

Arlington, MA 02474

H: (617)755-1873

I UNDERSTAND that my name, my company name, voice, picture, likeness, biographical materials, photo images of my home and/or person, and statements and/or opinions made by me, in whole or in part, edited or unedited, in any and all media (hereinafter "Information"), without limitation for any and all purposes (including but not limited to incorporating the material into commercials, advertisements, promotions, coupons, in-store displays, on-line programs, free standing inserts and/or publicity or other materials of Renewal by Andersen's products or services). I agree that Renewal by Andersen LLC will have the right to attribute this Information to me and that the Information is accurate to the best of my knowledge. No benefit has been given or promised to me in consideration of expressing my beliefs about Renewal by Andersen® products.

I hereby consent to the use of the Information to Renewal by Andersen LLC, their successors and assigns, for use without restriction as to frequency, scope or duration of usage.

In connection herewith, I hereby release and agree to hold harmless Renewal by Andersen LLC, its successors and assigns, each of them from any and all claims of any kind which I, my heirs, executors or assigns, may have on account of such use including what might be deemed to be misrepresentations of me, my character or my person due to distortion, optical illusion or faulty reproduction which may occur in the finished product.

I hereby agree to waive any compensation rights and/or benefits other than the publicity my business will receive from this advertisement for my participation in this project.

Renewal by Andersen LLC, its successors and assigns, shall be the absolute owner of any and all advertising materials (and all rights therein, including the copyright) produced pursuant to this Agreement.

No promise or representation which is not expressed herein has been made to me, and I have read this release, understand it and am signing it voluntarily.

Buyer(s)

Signature

Sean Fitzgerald

Print Name

64 Westminister Ave.

Address

Arlington, MA 02474

City / State / Zip

Witness

Signature

John Beaver

Print Name

08/01/20

Date

Signature

Print Name

64 Westminister Ave.

Address

Arlington, MA 02474

City / State / Zip



Price Presentation Discounts

dba: Renewal by Andersen of Boston

Legal Name: Renewal by Andersen LLC

HIC #170810

30 Forbes Road | Northborough, MA 01532

Phone: 508-351-2200 | Fax: (508) 986-7072 | rbabostonbooking@andersencorp.com

Sean Fitzgerald

64 Westminster Ave.

Arlington, MA 02474

H: (617)755-1873

PROJECT PRICE BEFORE DISCOUNTS

\$22,795

INDIVIDUAL SAVINGS BASED ON 9 UNITS

Renewal Savings (Boston Offer)

Savings:

Renewal Savings Discount 20%

\$4,559

National Offer

Savings:

6% Off Project

\$1,094

\$250 Off Project

\$250

Customer Savings Program (3%)

Savings:

\$505

3% Volume Discount

Savings:

\$683

TOTAL PRICE: \$15,659

\$7,136
SAVINGS

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Double-Hung Window—General

Advantages and Applications	3-2
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Double-Hung and Related Patents.....

DOUBLE-HUNG WINDOW

ADVANTAGES AND APPLICATIONS

A double-hung window consists of two vertically sliding sash in a single frame. Both sash are counterbalanced by a spring-powered block-and-tackle balance mounted on the side of each sash. Tilt latches for each sash allow inward tilting for easy cleaning. Upper and lower sash are securely closed by use of a cam-type sash lock. An insect screen is installed into the outside track.



*Double-Hung
Replacement Windows*

ADVANTAGES

- Both sash can be operated for ventilation at top and bottom of window.
- Both sash can be tilted inward for easy cleaning.
- Patented Fibrex® material is stronger than vinyl, providing greater durability.
- Fibrex material with low-maintenance capstock gives a rich, low-luster finish to sash and frame, similar to painted wood.
- Smooth radius surfaces on the frame and sash are pleasing to the eye and easier to clean.
- Mortise-and-tenon appearance on the interior and exterior sash corners gives a traditional, hand-crafted look.
- Full-perimeter weatherstrip provides superior weathertightness while still allowing easy sash operation.
- Sash are counterbalanced by a spring-powered block-and-tackle balance mounted on the side and matched to the weight of each individual sash.

APPLICATIONS

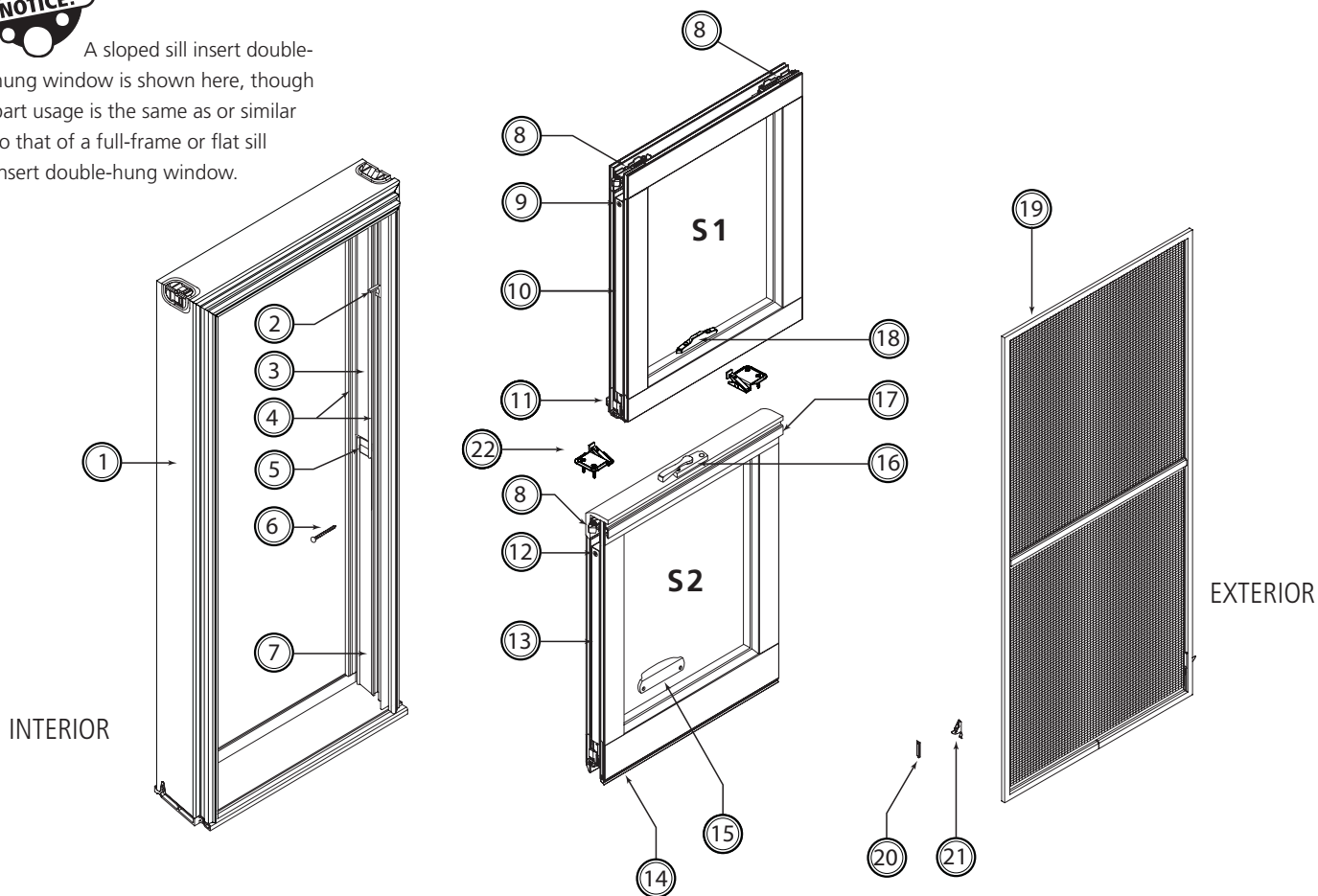
- Excellent choice for homes and condominiums where traditional styling is important; appropriate for many restoration projects.
- Suitable in areas facing walkways, decks and other traffic areas because sash do not project outward.
- Convenient in areas where the sash need to be cleaned from the interior.
- Visually compatible with other Renewal by Andersen® products.

EXPLODED VIEW

DOUBLE-HUNG WINDOW



A sloped sill insert double-hung window is shown here, though part usage is the same as or similar to that of a full-frame or flat sill insert double-hung window.



DOUBLE-HUNG COMPONENTS

- | | | |
|--|--|--|
| 1. Frame (insert) | 8. Tilt latch | 16. Sash lock |
| 2. Wash assist | 9. Upper balance screw | 17. Interior sash interlock (lower sash) |
| 3. Side jamb liner weatherstrip (upper) | 10. Balance (upper sash) | 18. Sash keeper |
| 4. Side jamb liner (interior and exterior sash tracks) | 11. Exterior sash interlock (upper sash) | 19. Insect screen |
| 5. Side cover check rail weatherstrip | 12. Lower balance screw | 20. Universal insect screen latch retainer |
| 6. Balance end clip screw | 13. Balance (lower sash) | 21. Insect screen latch |
| 7. Side jamb liner weatherstrip (lower) with integrated fin pile | 14. Bottom rail weatherstrip | 22. Child safety opening control device (optional) |
| | 15. Sash lift (optional) | |

STANDARD FEATURES

DOUBLE-HUNG WINDOW

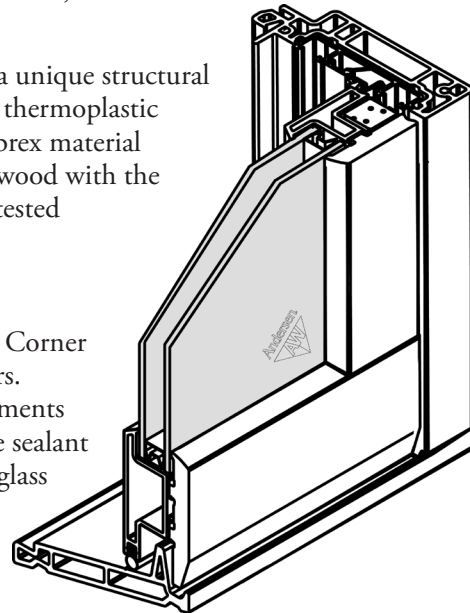


A sloped sill insert double-hung window corner section is shown here, though **standard features are the same as for flat sill insert or full-frame** double-hung windows.

Described below are features that contribute to the double-hung window's low maintenance, energy efficiency, ease of operation, and pleasing appearance.

- **Frame** – Made of rigid Fibrex® material a unique structural composite of wood fibers and a special thermoplastic polymer. Developed by Andersen®, Fibrex material combines the strength and stability of wood with the low-maintenance features of our time-tested Perma-Shield® cladding.
- **Sash** – Constructed of Fibrex material. Corner keys provide durable, watertight corners. The mortise and tenon joinery complements the frame. A high-performance silicone sealant provides a watertight seal between the glass and sash.
- **Glazing** – High-Performance™ LoE⁴®* glass with an inert, energy-efficient gas, is standard for every window. See Options on page 3-6 for other glass choices.
- **Glass spacer** – The patented low-conductivity spacer is made of stainless steel and resists heat transfer four to five times better than aluminum spacers used by many other manufacturers.

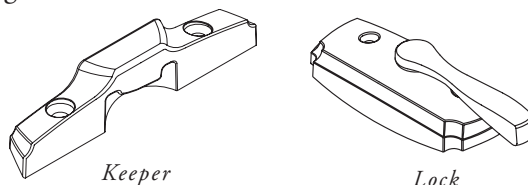
*LoE⁴ is a registered trademark of Cardinal IG Company.



STANDARD FEATURES, cont.

DOUBLE-HUNG WINDOW

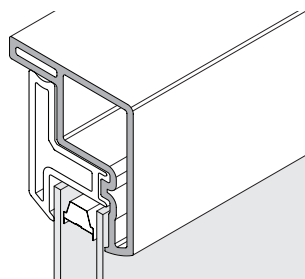
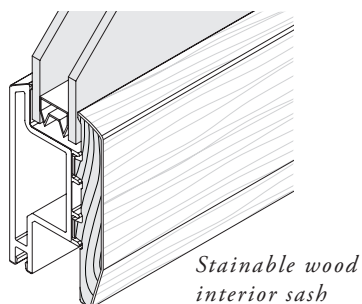
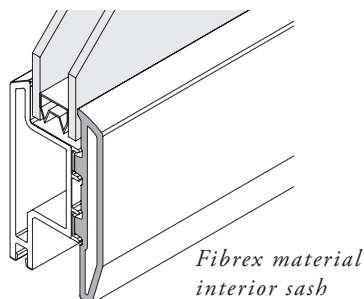
- **Removable protective film** – Packaging features a clear protective film that is factory applied to both the interior and exterior glass surfaces to help protect the glass from shipping and installation damage.
- **Weatherstrip** – A dual system of a foam-filled bulb applied to the sash frame and a constant-force low-friction weatherstrip applied to the frame provide a tight seal.



- **Sash Lock and Keeper** – The zinc die cast dual cam-type sash lock, mounted at center of the meeting rail on the interior sash, engages easily into the keeper mounted on the center of the meeting rail on the exterior sash. The Double-Hung Window Component Color Combination Chart on page 3-11 shows the hardware color for each window color combination.

OPTIONS

DOUBLE-HUNG WINDOW



*Traditional Fibrex Material
Square Check Rail*


The following options are available for all Renewal by Andersen® double-hung windows:

- **Dual-Colors and Stainable Wood Interior Veneers** – Dual-color windows are available that have different interior and exterior colors. Stainable wood interior veneers are also available in oak, maple, and engineered pine. The Double-Hung Window Component Color Combination Chart on page 3-11 shows available color combinations and the default color of individual components for these combinations. Alternative component (e.g., insect screens, grilles, hardware, side jams) color combinations are available upon request.

Painting and staining guidelines for Fibrex® material and stainable wood interiors are available in this manual, the *Product Installation Manual* and in the *Care and Maintenance Guide*.

- **Traditional Square Check Rail** – Optional square-shaped check rail available in oak, maple, engineered pine veneer and Fibrex material interior finishes offers a classic flat surface appearance. These classic lines create the old world look, using the advanced technology of today. This option can be used with any other double-hung lock components or grille accessories.
- **Rounded Contemporary Check Rail** – Original rounded contemporary check rail is still available (as an option) in same color and wood species.
- **TruScene® Insect Screen** – Micro-fine stainless steel mesh (25 x 25 per inch mesh) that provides over 50% more clarity than standard Andersen insect screens.

DOUBLE-HUNG WINDOW



Glass Options

- High Performance®
Low-E4 Smart Sun™ with
Heatlock™ (no pattern)
- High Performance®
Low-E4 Smart Sun™ tinted
- High Performance®
Low-E4 Smart Sun™
(no pattern)
- High Performance®
Low-E4 (no pattern)
- Obscure
- Reed
- Cascade
- Fern

- ### 3-6 Double-Hung Window Specifications

OPTIONS, cont.

DOUBLE-HUNG WINDOW

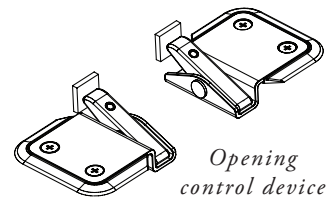
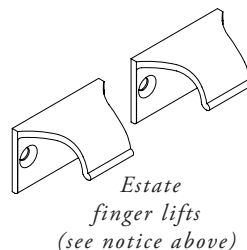
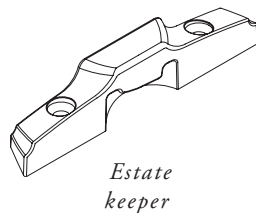
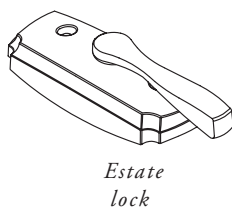
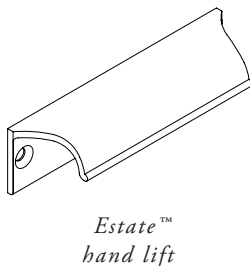
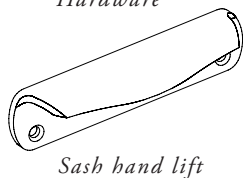
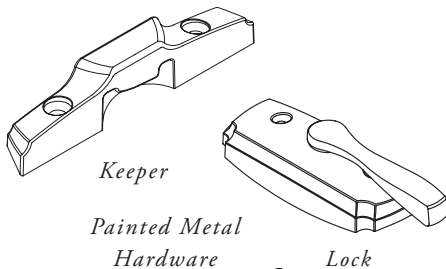
Unavailable Glass Patterns

Pattern	on windows wider than	or windows taller than
Reed*	56-7/8"	100-7/8"
Cascade*	56-7/8"	84-7/8"
Fern	56-7/8"	84-7/8"
Obscure	56-7/8"	84-7/8"

* Pattern is directional



When finger lifts are desired, order the window with **no** lifts. Finger lifts are then installed in the field after the window installation.



- **Glass Breather Tubes** – Breather tubes are available for glass intended for high-altitude installations. It is important to note that breather tubes will decrease the thermal performance of the unit. Refer to the Technical Data (Section 8) in this Spec and Tech Manual for altitude specifics.
- **Sash Lock** – A single zinc-cast metal lock is available in White, Stone and Canvas colors. Units narrower than 22-13/16" have a single lock. For units 22-13/16" wide or wider, a second lock is available as an option. For units wider than 45-9/16", a second lock is required.
- **Sash Lift** – One or two sash lifts may be mounted to the bottom rail of the lower sash. Can be specified, available in White, Stone, or Canvas colors or Estate™ finishes.
- **Estate™ Finish Hardware** – Estate finish hardware is available for all operating windows and is available in high performance bright brass, antique brass, high performance satin nickel, distressed nickel, brushed chrome, polished chrome, distressed bronze, oil-rubbed bronze and dark bronze. Hardware in each of the finishes is electroplated and/or modified to obtain the desired look. The Estate hardware components for double-hung windows are listed below:
 - **Lock and Keeper** – The zinc cast, plated lock and keeper provide elegant Estate styling that beautifully complements not only the window, but matches any Estate hardware found on Andersen® patio doors.
 - **Hand Lift** – Similar to the standard lift, the Estate hand lift provides an easy gripping surface with which to operate the window.
 - **Finger Lifts** – These smaller, more traditional looking lifts provide a different aesthetic option for a grasp to operate the window. These lifts are typically used in pairs.
 - **Opening Control Device** – Field-applied device restricts sash opening to 4 inches. This device will allow full sash opening when disengaged and will re-engage when sash is closed.

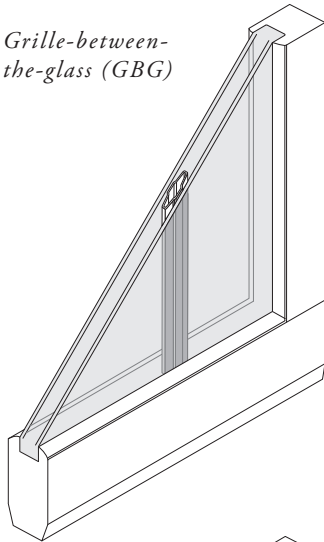
OPTIONS, cont.

DOUBLE-HUNG WINDOW

Available Grille Types

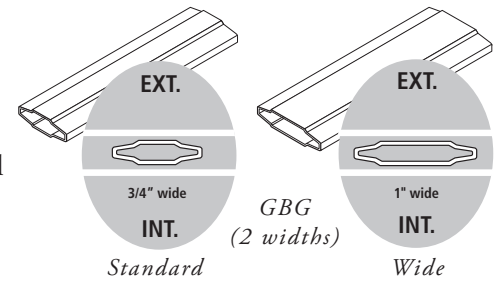
Three grille types are available. The interior and exterior sides of the grilles are color-coordinated with each side of the window frame. Consult the color combination charts in each window product section for detailed color information.

Grille-between-the-glass (GBG)

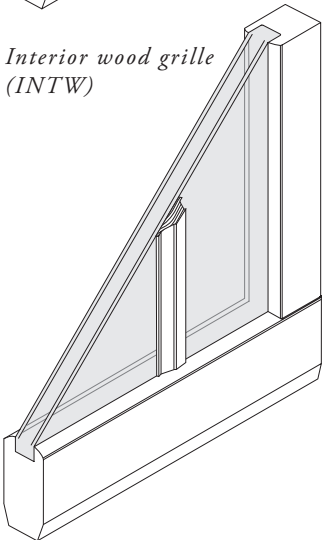


Grille-Between-the-Glass (GBG)

Sculpted aluminum grille members are manufactured between the glass panes, and are available in two widths. Enamel finish replicates interior and exterior face of window. If wood interior, interior facing surface will be gray.

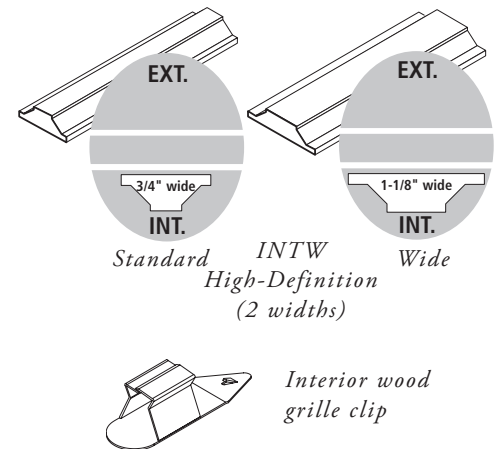


Interior wood grille (INTW)

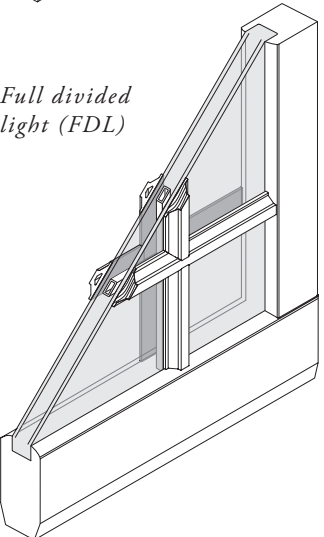


Interior Wood Grille (INTW)

With the option of hardwood maple or oak, these grilles snap into clips placed around the interior side of the sash and may be removed to clean the glass. These high-definition interior wood grilles are available in two different widths.

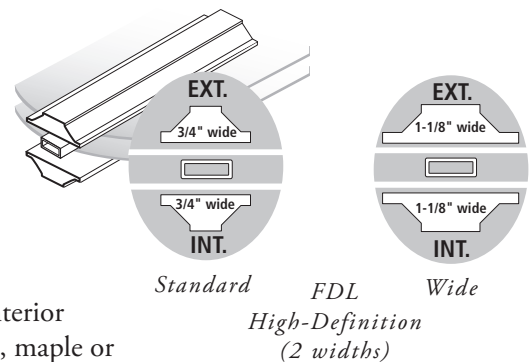


Full divided light (FDL)



Full Divided Light (FDL) Grille

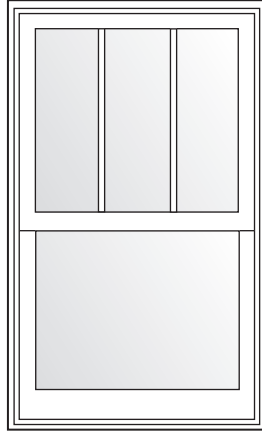
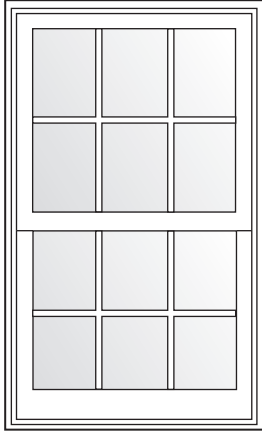
FDL grilles provide the classic look of a true divided light window. The high-definition exterior grille is made from Fibrex® material and is available in two different widths. Between the glass panes, an aluminum spacer stands slightly away from each pane to maintain thermal performance. The high-definition interior wood grille is available in hardwood, maple or oak and in two different widths, and may be permanently applied or removable.



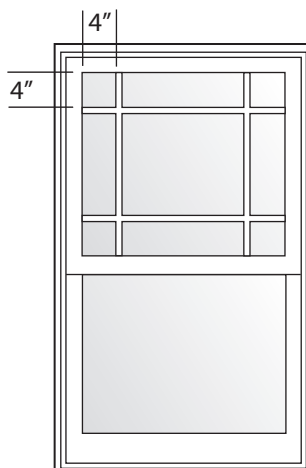
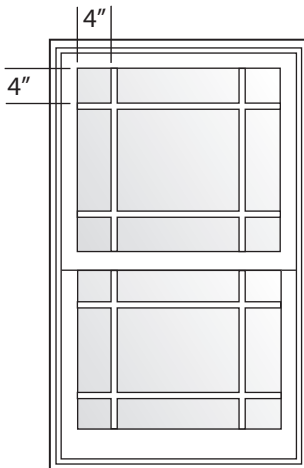
OPTIONS, cont.

DOUBLE-HUNG WINDOW

- Available Grille Patterns – Grille pattern options include colonial, prairie, and modified prairie.

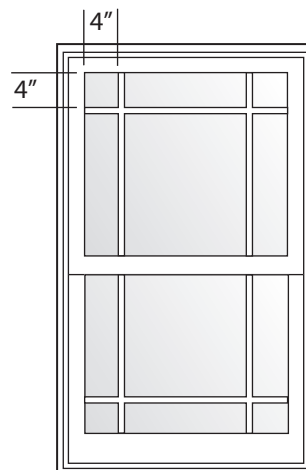
**COLONIAL**

Refer to colonial pattern grilles by pattern name and “grille lites wide by grille lites high” for each sash. For the examples shown, the left window would be “colonial pattern, 3 by 2, upper and lower sash”. For the example to the right, “colonial pattern, 3 by 1 on the upper sash, no grille on the lower sash”.

**PRAIRIE**

Regardless of sash size, all prairie grilles intersect to form 4" squares of visible glass in the corners of the sash. Prairie grilles are available on one or both sash.

The prairie grille pattern is not available on double-hung windows narrower than 20".

**MODIFIED PRAIRIE**

Regardless of sash size, all modified prairie grilles intersect to form 4" squares of visible glass. Modified prairie grilles are available for one or both sash.

The modified prairie grille pattern is not available on double-hung windows narrower than 20".

OPTIONS, cont.**DOUBLE-HUNG WINDOW**

- **Exterior brick mould** – Fibrex® material brick mould is available in two configurations, picture frame and traditional style, as an exterior trim option for full-frame windows. Brick mould is available on insert frame windows in picture frame style only.
- **Overfit brick mould** – Fibrex material is available as an exterior trim option for insert flat sill only windows in picture frame style.

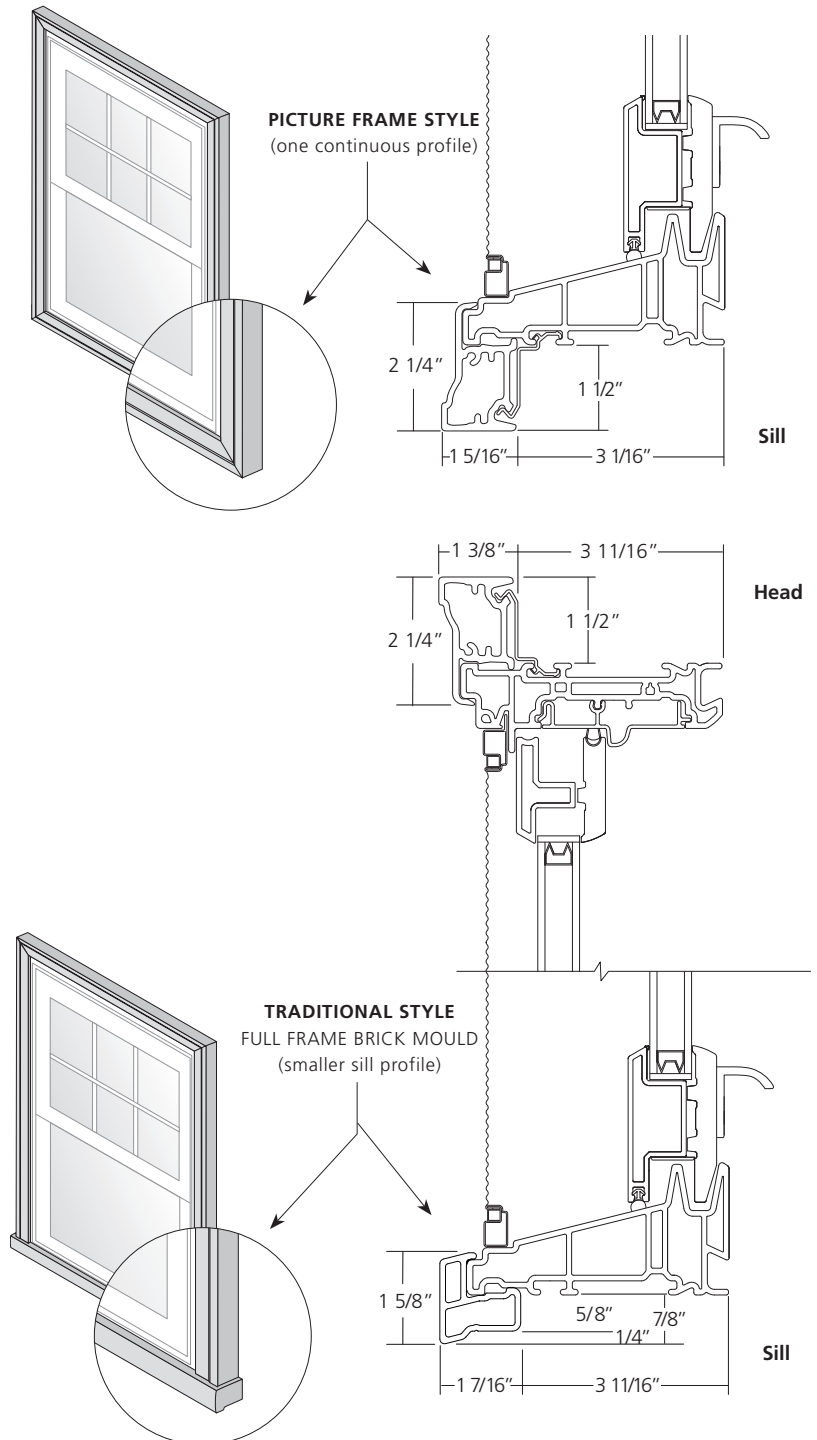
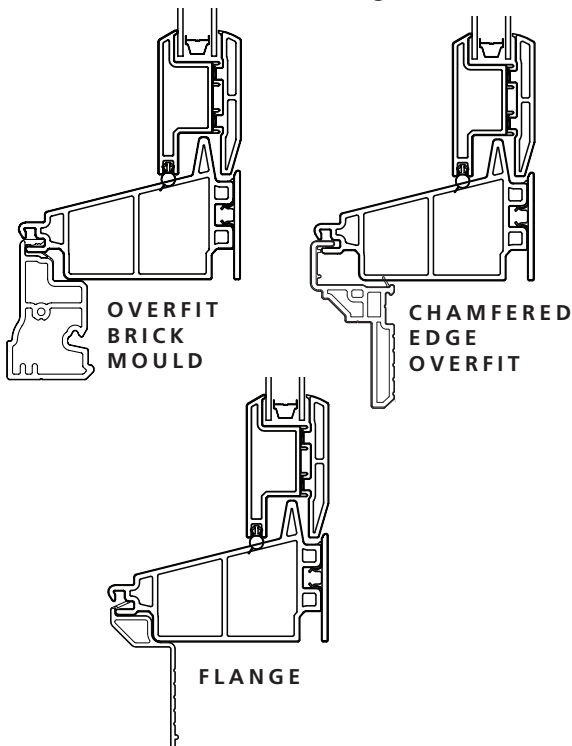
FULL-FRAME BRICK MOULD

Full-frame brick mould is available in two configurations:

- **Picture Frame Style** – The same brick mould profile is used all the way around the window.
- **Traditional Style** – A thinner sill profile that runs completely under the side brick mould pieces is used reminiscent of old, traditional window installations.

INSERT-FRAME BRICK MOULD

- **Overfit Brick Mould** – Fibrex material overfit brick mould is available as an exterior trim option for insert (flat sill only) window in picture frame style.
 - Overfit Flange
 - Chamfered Overfit Flange



WINDOW COMPONENT COLOR COMBINATION CHART

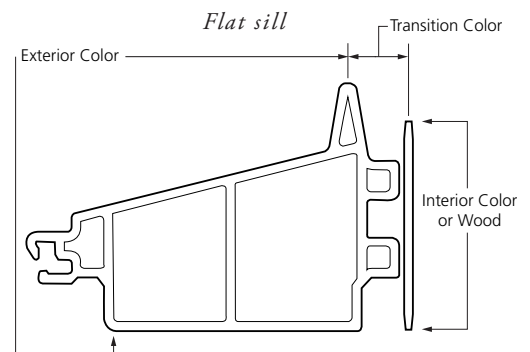
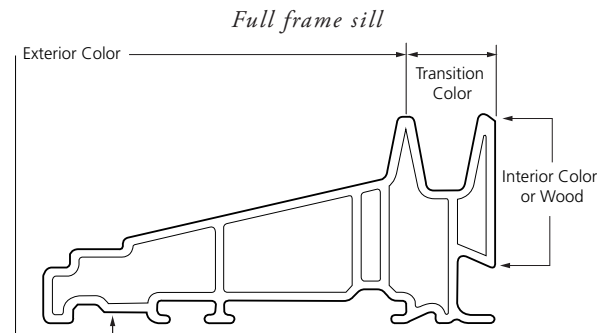
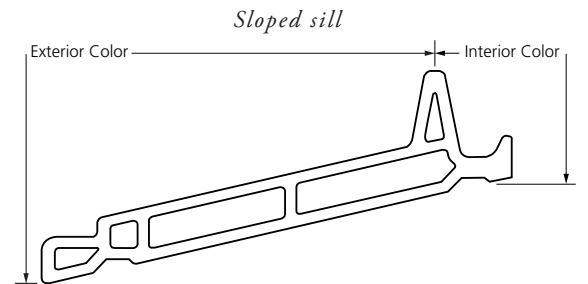
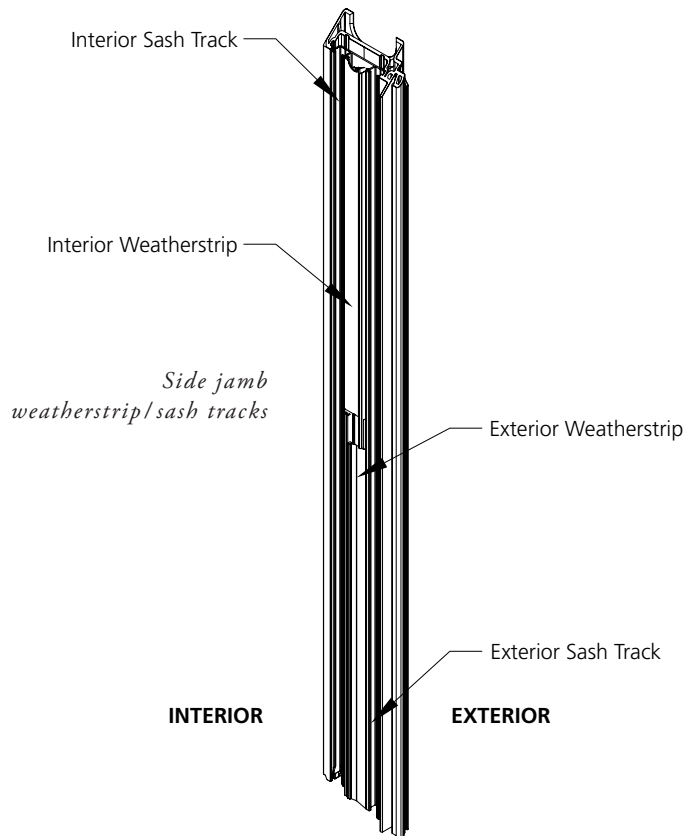
DOUBLE-HUNG WINDOW

	Window Color		Interior and Exterior Colors (Exterior/Transition/Interior)			Components		Grille Between Glass		Interior Wood & Full Divided Light		Headliner		Side Jamb Components	
	Exterior	Interior	Sloped Sill	Flat Sill	Full Frame Sill	Insect Screen Frame	Hardware	Exterior	Interior	Exterior	Interior	Exterior	Interior	Lower Exterior	Upper Interior
Single Color	White	White	White/White	White/White/White	White/White/White	White	White	White	White	White	White	White	White	White/White	White/White
	Canvas	Canvas	Canvas/Canvas	Canvas/Canvas/Canvas	Canvas/Canvas/Canvas	Canvas	Canvas	Canvas	Canvas	Canvas	Canvas	Gray	Gray	Gray/Gray	Gray/Gray
	Sandtone	Sandtone	Sandtone/Sandtone	Sandtone/Sandtone/Sandtone	Sandtone/Sandtone/Sandtone	Sandtone	Stone	Sandtone	Sandtone	Sandtone	Sandtone	Gray	Gray	Gray/Gray	Gray/Gray
	Terratone	Terratone	Terratone/Terratone	Terratone/Terratone/Terratone	Terratone/Terratone/Terratone	Terratone	Stone	Terratone	Terratone	Terratone	Terratone	Gray	Gray	Gray/Gray	Gray/Gray
Dual Color	Dark Bronze	Dark Bronze	Dark Bronze/Terratone	Dark Bronze/Terratone/Dark Bronze	Dark Bronze/Terratone/Dark Bronze	Dark Bronze	Dark Bronze	Dark Bronze	Dark Bronze	Dark Bronze	Dark Bronze	Gray	Gray	Gray/Gray	Gray/Gray
	Canvas	White	Canvas/White	Canvas/Canvas/White	Canvas/White/White	Canvas	White	Canvas	White	Canvas	White	White	White	White/White	White/White
	Sandtone		Sandtone/White	Sandtone/Sandtone/White	Sandtone/White/White	Sandtone		Sandtone		Sandtone				Gray/Gray	Gray/White
	Terratone		Terratone/White	Terratone/Terratone/White	Terratone/White/White	Terratone		Terratone		Terratone				Gray/Gray	Gray/White
	Cocoa Bean		Cocoa Bean/Canvas	Cocoa Bean/Canvas/White	Cocoa Bean/White/White	Cocoa Bean		Cocoa Bean		Cocoa Bean				Gray/Gray	Gray/White
	Dark Bronze		Dark Bronze/Canvas	Dark Bronze/Canvas/White	Dark Bronze/White/White	Dark Bronze		Dark Bronze		Dark Bronze				Gray/Gray	Gray/White
	Forest Green		Forest Green/Canvas	Forest Green/Canvas/White	Forest Green/White/White	Forest Green		Forest Green		Forest Green				Gray/Gray	Gray/White
	Black		Black/Canvas	Black/Canvas/White	Black/White/White	Black		Black		Black				Gray/Gray	Gray/White
	Red Rock		Red Rock/Canvas	Red Rock/Canvas/White	Red Rock/White/White	Red Rock		Red Rock		Red Rock				Gray/Gray	Gray/White
	White	Canvas	White/Canvas	White/White/Canvas	White/Canvas/Canvas	White	Canvas	White	Canvas	White	Canvas	White	White	White/White	White/White
	Sandtone		Sandtone/Canvas	Sandtone/Sandtone/Canvas	Sandtone/Canvas/Canvas	Sandtone		Sandtone		Sandtone		Canvas	Canvas	Gray/Gray	Gray/White
	Terratone		Terratone/Canvas	Terratone/Terratone/Canvas	Terratone/Canvas/Canvas	Terratone		Terratone		Terratone		Canvas	Canvas	Gray/Gray	Gray/White
Sustainable Wood Interiors	Cocoa Bean		Cocoa Bean/Canvas	Cocoa Bean/Canvas/Canvas	Cocoa Bean/Canvas/Canvas	Cocoa Bean		Cocoa Bean		Cocoa Bean		White	White	White/White	White/White
	Dark Bronze		Dark Bronze/Canvas	Dark Bronze/Canvas/Canvas	Dark Bronze/Canvas/Canvas	Dark Bronze		Dark Bronze		Dark Bronze		White	White	White/White	White/White
	Forest Green		Forest Green/Canvas	Forest Green/Canvas/Canvas	Forest Green/Canvas/Canvas	Forest Green		Forest Green		Forest Green		White	White	White/White	White/White
	Black		Black/Canvas	Black/Canvas/Canvas	Black/Canvas/Canvas	Black		Black		Black		White	White	White/White	White/White
	Red Rock		Red Rock/Canvas	Red Rock/Canvas/Canvas	Red Rock/Canvas/Canvas	Red Rock		Red Rock		Red Rock				White/White	White/White
	White	Wood*	White/White	White/White/Wood	White/White/Wood	White	Stone	White	Sandtone	White	Wood**	Gray	Wood	White/White	Wood/White
	Canvas		Canvas/Canvas	Canvas/Canvas/Wood	Canvas/Canvas/Wood	Canvas		Canvas		Canvas				White/White	Wood/White
	Sandtone		Sandtone/Sandtone	Sandtone/Sandtone/Wood	Sandtone/Sandtone/Wood	Sandtone		Sandtone		Sandtone				White/White	Wood/White

Alternative component and grille color combinations for each frame/sash color are available upon request

* Wood interiors available in: pine, maple and oak

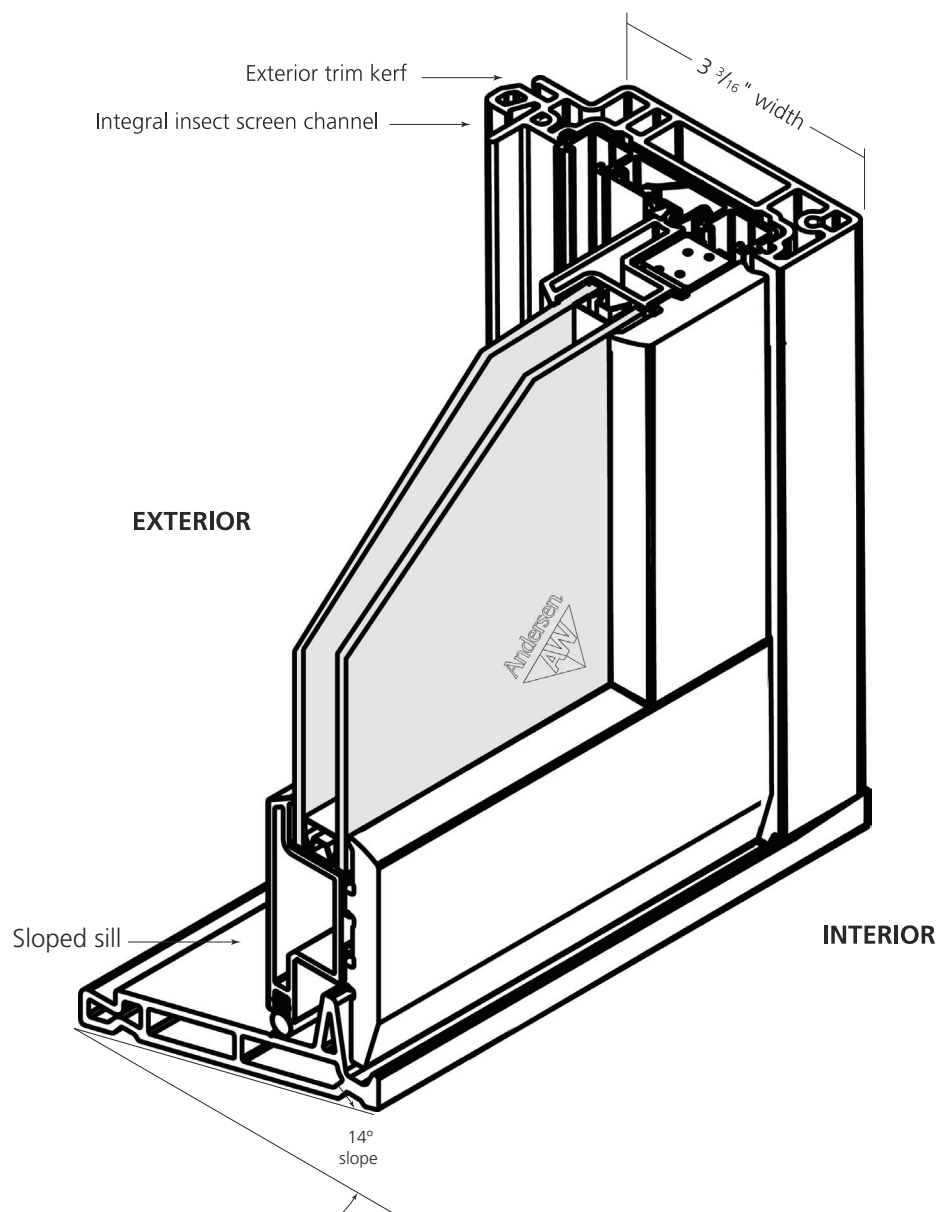
** Pine and maple interiors will use maple species interior grilles. Oak interiors will use oak species interior grilles



SLOPED-SILL INSERT DOUBLE-HUNG WINDOW

When the old window frame is solid and/or interior or exterior trim needs to be saved, an insert window installation is appropriate. These installations are also typically less disruptive to the home. A typical installation requires removing the old sash and any interfering hardware or trim from the existing window frame.

The insert frame has an exterior trim kerf to facilitate the use of exterior trim or aluminum coil stock. The 14° sill angle and 3-3/16" frame width fit within the 3-1/4" pocket that many old window frames have.



MIN / MAX SIZES

DOUBLE-HUNG WINDOW

SLOPED SILL INSERT

MIN / MAX SIZES



Certain window sizes may have limited sash travel. Refer to the charts on the following page, or call a customer service associate, or see the RbA Extranet for detailed information on limited sash travel and egress conformity in specific window applications.



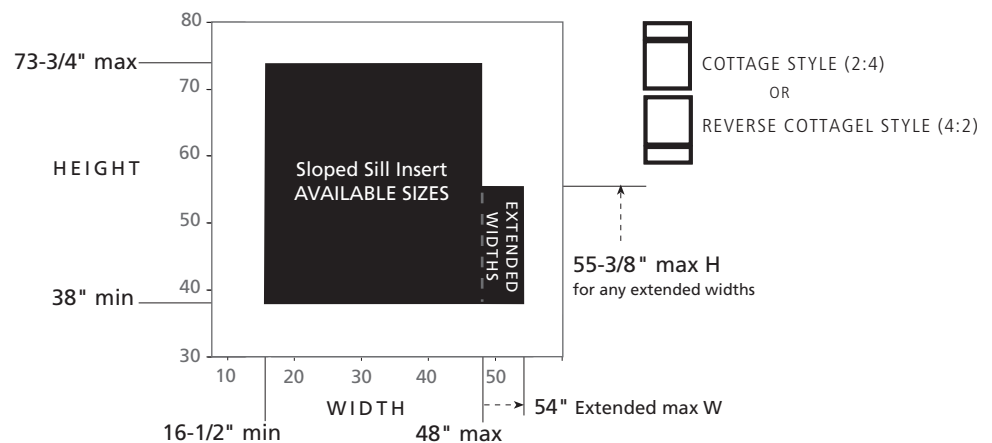
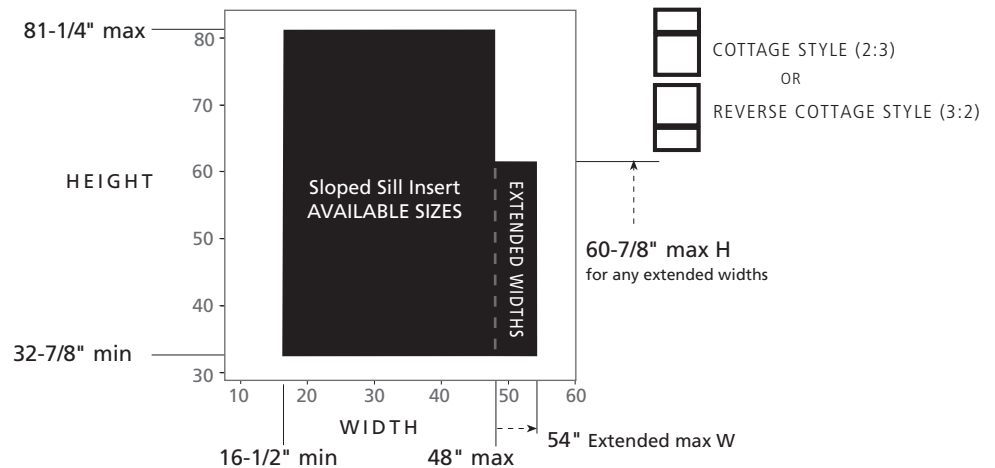
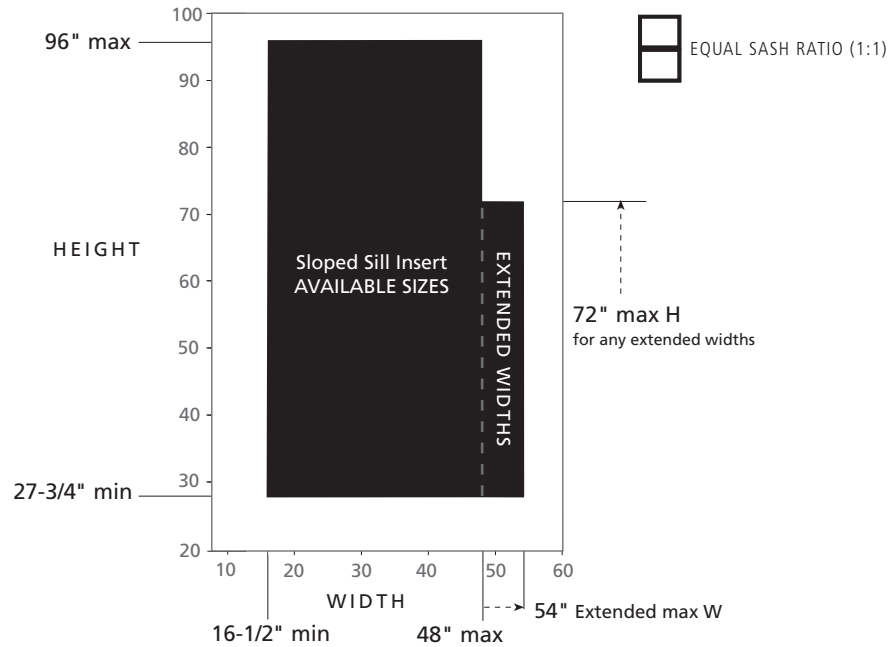
Custom check rail heights may be specified to achieve different visible sash ratios, via NSPR.

Do not confuse sash ratio and colonial grille pattern designations. Sash ratio refers to the size relationship between upper and lower sash. Grille pattern refers to the number of lites in a colonial pattern grille.

*** Two locks required on units greater than or equal to 45-9/16"**

**** Two locks not available on units narrower than 22-13/16"**

***** A second lock is available as an option for units greater than 22-13/16"**



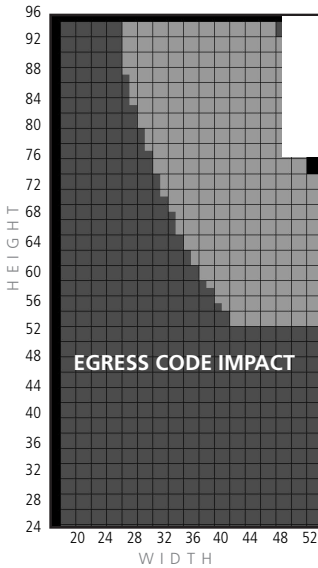
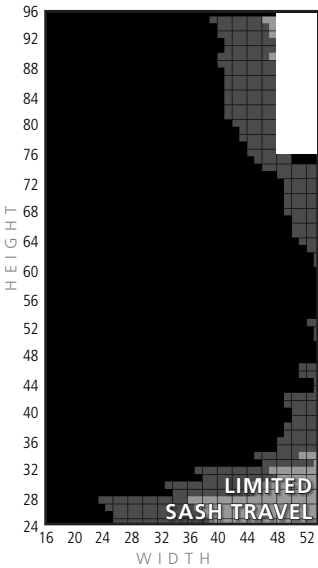
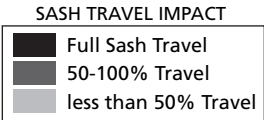
LIMITED SASH TRAVEL AND EGRESS CONFORMITY

DOUBLE-HUNG WINDOW

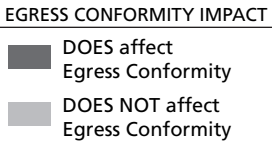
SLOPED SILL INSERT

Use the charts in the left column to determine if unit will have limited sash travel (lower sash only).

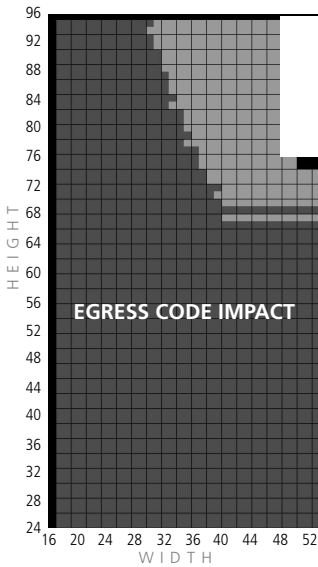
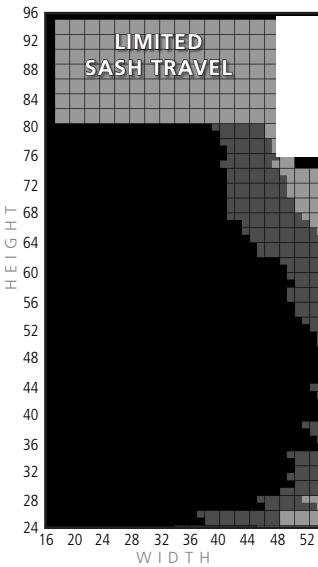
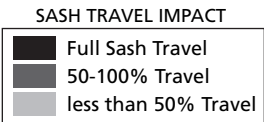
EQUAL (1:1)
Sash Ratio



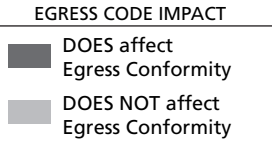
EQUAL (1:1)
Sash Ratio



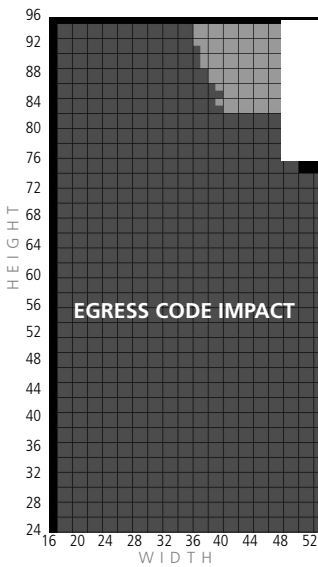
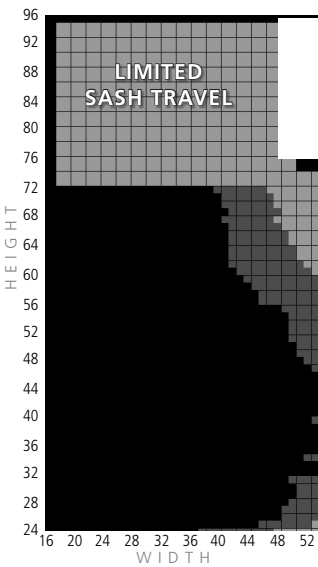
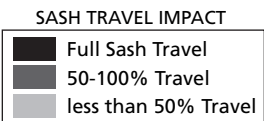
2:3 or 3:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE



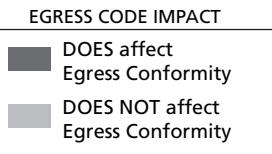
2:3 or 3:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE



2:4 or 4:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE



2:4 or 4:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE



CLEAR OPENING AND CLEAR GLASS DIMENSIONS

DOUBLE-HUNG WINDOW






SLOPED SILL INSERT

To determine the clear opening dimensions or clear glass size of either sash, follow the steps below.

1. Determine **Unit Width (W)** and **Unit Height (H)**.



2. Determine the appropriate **Check Rail Height (CRH)**:

Sloped Sill Double-Hung Check Rail Height (CRH)		
	EQUAL (1:1) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height}}{2}\right) - 0.874$
	COTTAGE (2:3) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 2}{5}\right) - 0.25$
	COTTAGE (2:4) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height}}{3}\right) + 0.161$
	REVERSE COTTAGE (3:2) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 3}{5}\right) - 1.5$
	REVERSE COTTAGE (4:2) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 2}{3}\right) - 1.94$



Custom check rail heights are available upon request.

For most areas, **egress opening codes** dictate minimum clear opening width, height, and square feet. Check with your local code officials to determine the precise egress codes for each home.

3. Using the Check Rail Height (CRH) found in Step 2, calculate **Clear Opening** and/or **Clear Glass** dimensions:

Determining Clear Opening Dimensions (to assess egress code compliance)	
CLEAR OPENING WIDTH (inches)	= Width - 3.188
CLEAR OPENING HEIGHT (inches)	$\left. \begin{array}{l} \text{EQUAL (1:1) Sash Ratio} \\ \text{COTTAGE (2:3 or 2:4) Sash Ratio} \end{array} \right\} = \text{Check Rail Height} - 2.875$
	$\text{REVERSE COTTAGE (3:2 or 4:2) Sash Ratio} = \text{Height} - \text{Check Rail Height} - 2.75$
CLEAR OPENING AREA (ft²)	= $\frac{\text{Clear Opening Width} \times \text{Clear Opening Height}}{144}$

Clear Opening Widths are often called **"Egress Opening"** Dimensions.

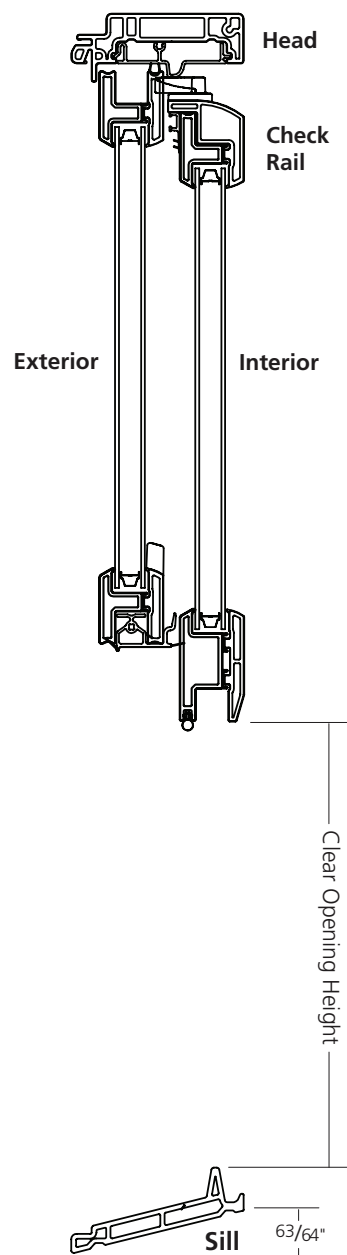
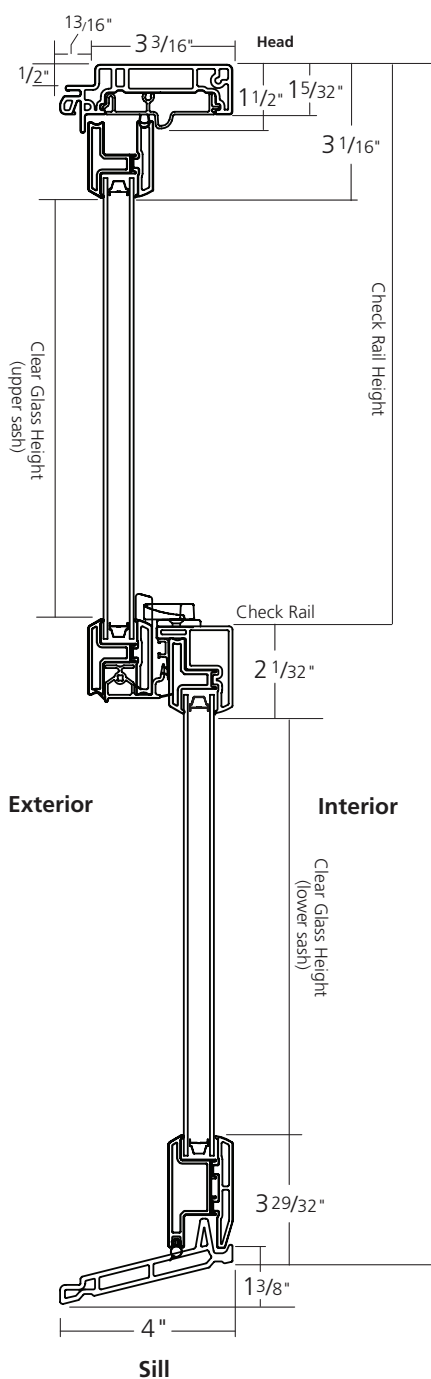
For detailed information on limited sash travel and egress conformity in specific window applications, refer to the charts on the previous page, or call a customer service associate, or see the RbA Extranet.

Determining Clear Glass Dimensions	
CLEAR GLASS WIDTH (inches)	= Width - 6.0
CLEAR GLASS HEIGHT (Upper sash, inches)	= Check Rail Height - 3.188
CLEAR GLASS HEIGHT (Lower sash, inches)	= Height - Check Rail Height - 4.938

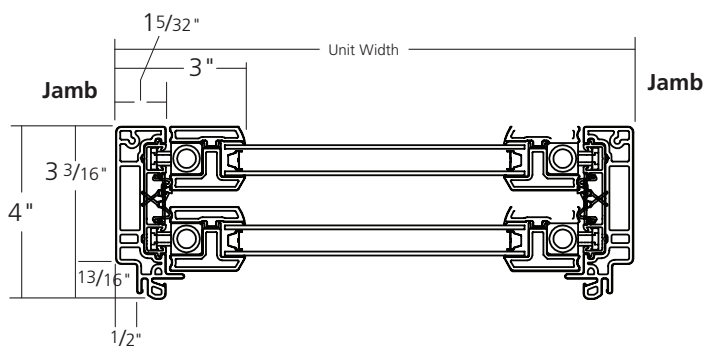
CLEAR OPENING AND CLEAR GLASS DIMENSIONS, cont.

DOUBLE-HUNG WINDOW

SLOPED SILL INSERT



NOTICE!
Window profiles shown
for measurement purposes.



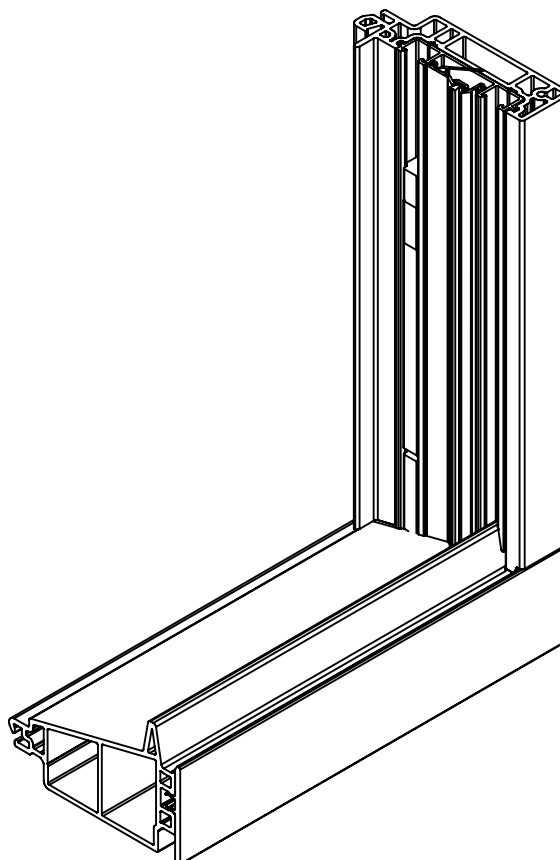
FLAT SILL INSERT DOUBLE-HUNG WINDOW

The flat sill insert double-hung window frame option is recommended when replacing existing windows that have a sill angle less than 8 degrees, when specifying an insert window frame that needs to have a flat sill to seat correctly in the opening, or when mulling multiple double-hung insert windows in an opening. It is also the window used in angle bay frames. The 3-3/16" frame width is also consistent with other insert windows to fit in a 3-3/4" pocket.

Existing window pockets must be flat. If they are not, materials must be added so that the pocket offers full support of the window frame.

As with other flat sill insert windows, the flat sill design of the insert frame double-hung window features an exterior trim kerf on all four sides of the frame, allowing for exterior Fibrex® material trim or aluminum coil stock to return to the window frame. This also facilitates mulling to other flat sill insert windows.

For measuring information, please see the *Technical Measurement Manual*. For installation methods, please see the *Product Installation Manual*.



MIN/MAX SIZES

DOUBLE-HUNG WINDOW

FLAT SILL INSERT



Certain window sizes may have limited sash travel. Refer to the charts on the following page, or call a customer service associate, or see the RbA Extranet for detailed information on limited sash travel and egress conformity in specific window applications.



Custom check rail heights can be specified to achieve different visible sash ratios. Contact the factory to confirm availability and ordering procedure.

Do not confuse sash ratio and colonial grille pattern designations. Sash ratio refers to the size relationship between upper and lower sash. Grille pattern refers to the number of lites in a colonial pattern grille.

* **Two locks required on units greater than or equal to 45-9/16"**

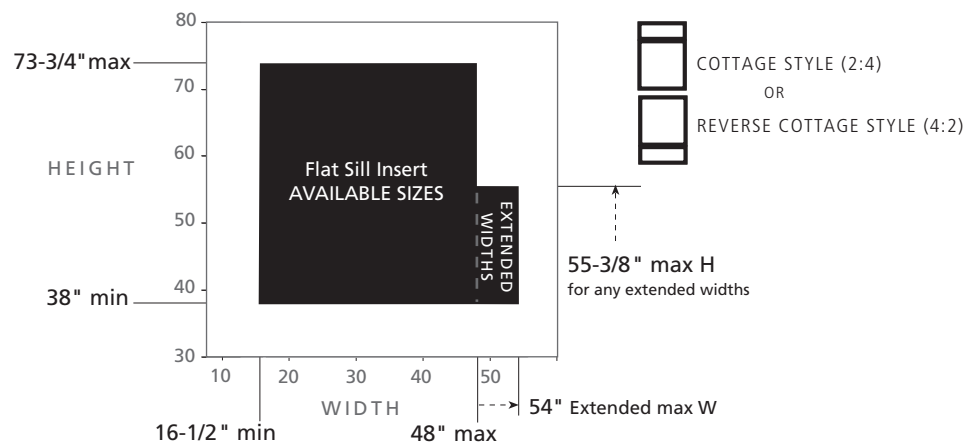
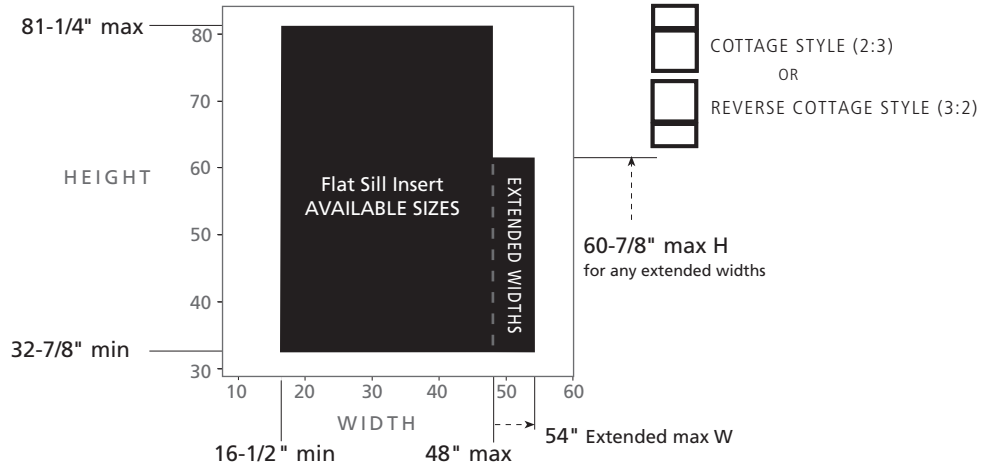
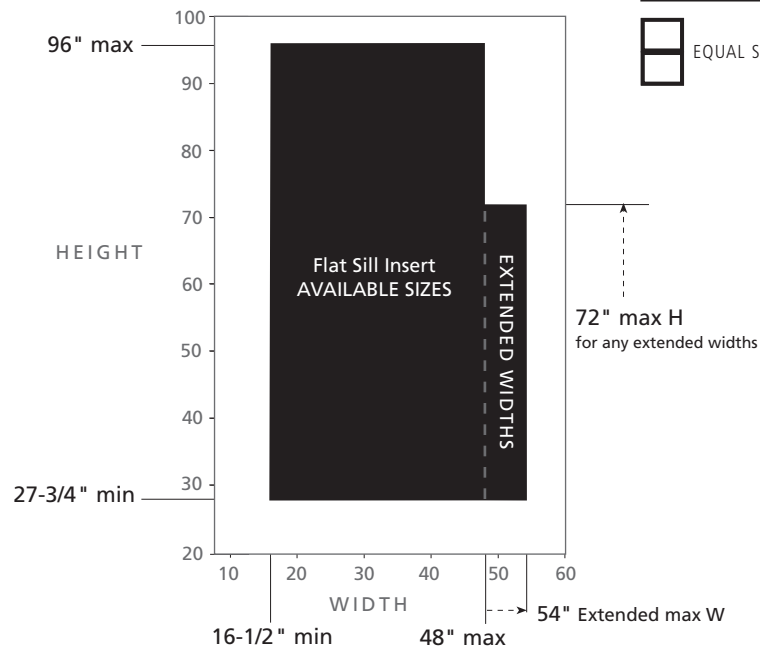
** **Two locks not available on units narrower than 22-13/16"**

*** **A second lock is available as an option for units greater than 22-13/16"**

MIN / MAX SIZES



EQUAL SASH RATIO (1:1)



LIMITED SASH TRAVEL AND EGRESS CONFORMITY

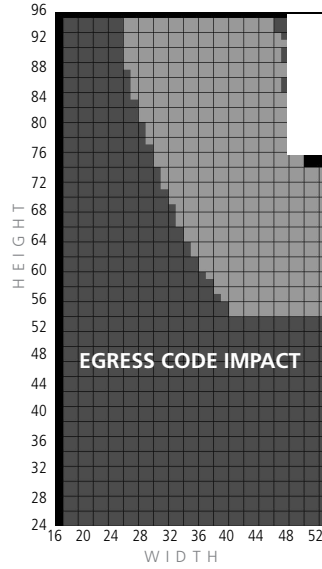
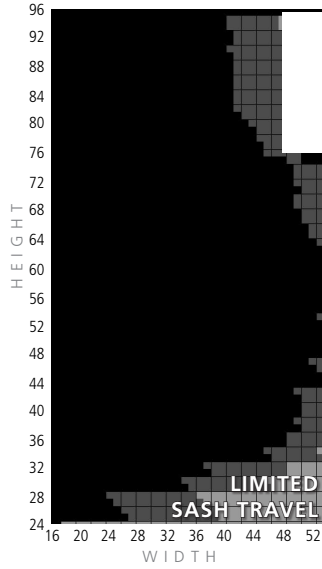
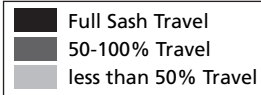
DOUBLE-HUNG WINDOW

FLAT SILL INSERT

Use the charts in the left column to determine if unit will have limited sash travel (lower sash only).

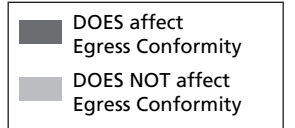
EQUAL (1:1)
Sash Ratio

SASH TRAVEL IMPACT



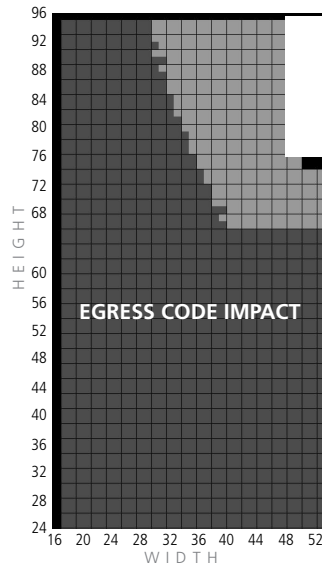
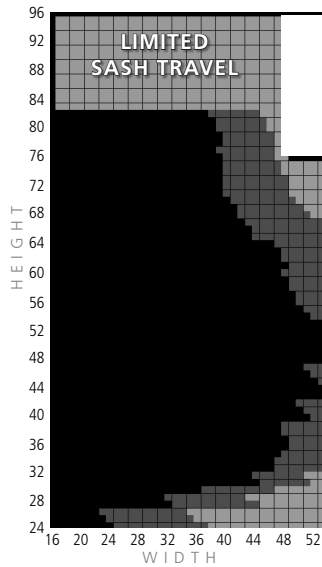
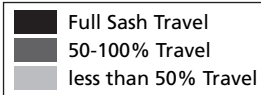
EQUAL (1:1)
Sash Ratio

EGRESS CONFORMITY IMPACT



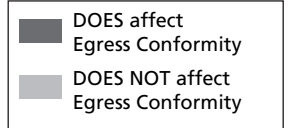
2:3 or 3:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE

SASH TRAVEL IMPACT



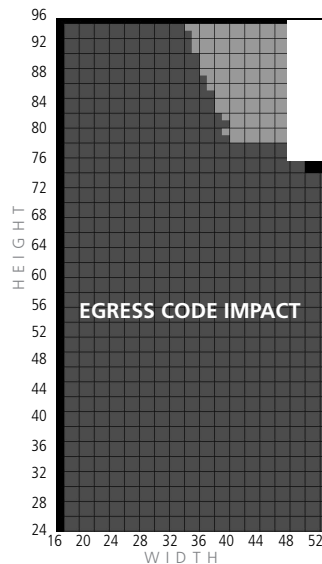
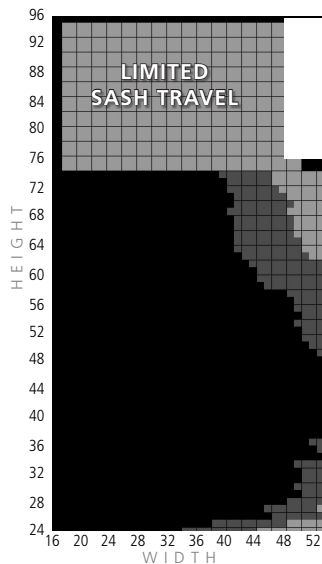
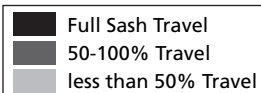
2:3 or 3:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE

EGRESS CODE IMPACT



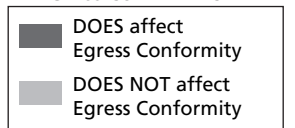
2:4 or 4:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE

SASH TRAVEL IMPACT



2:4 or 4:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE

EGRESS CODE IMPACT



CLEAR OPENING AND CLEAR GLASS DIMENSIONS

DOUBLE-HUNG WINDOW






FLAT SILL INSERT

To determine the clear opening dimensions or clear glass size of either sash, follow the steps below.

1. Determine **Unit Width (W)** and **Unit Height (H)**.

2. Determine the appropriate **Check Rail Height (CRH)**:



Flat Sill Insert Double-Hung Check Rail Height (CRH)		
	EQUAL (1:1) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height}}{2}\right) - 1.663$
	COTTAGE (2:3) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 2}{5}\right) - 0.878$
	COTTAGE (2:4) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height}}{3}\right) - .365$
	REVERSE COTTAGE (3:2) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 3}{5}\right) - 2.449$
	REVERSE COTTAGE (4:2) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 2}{3}\right) - 2.992$



Custom check rail heights are available upon request.

For most areas, **egress opening codes** dictate minimum clear opening width, height, and square feet. Check with your local code officials to determine the precise egress codes for each home.

3. Using the Check Rail Height (CRH) found in Step 2, calculate **Clear Opening** and/or **Clear Glass** dimensions:

Determining Clear Opening Dimensions (to assess egress code compliance)	
CLEAR OPENING WIDTH (inches)	= Width - 3.188
CLEAR OPENING HEIGHT (inches)	$\left. \begin{array}{l} \text{EQUAL (1:1) Sash Ratio} \\ \text{COTTAGE (2:3 or 2:4) Sash Ratio} \end{array} \right\} = \text{Check Rail Height} - 2.875$
	REVERSE COTTAGE (3:2 or 4:2) Sash Ratio = Height - Check Rail Height - 4.375
CLEAR OPENING AREA (ft²)	= $\frac{\text{Clear Opening Width} \times \text{Clear Opening Height}}{144}$

Clear Opening Widths are often called **"Egress Opening"** Dimensions.

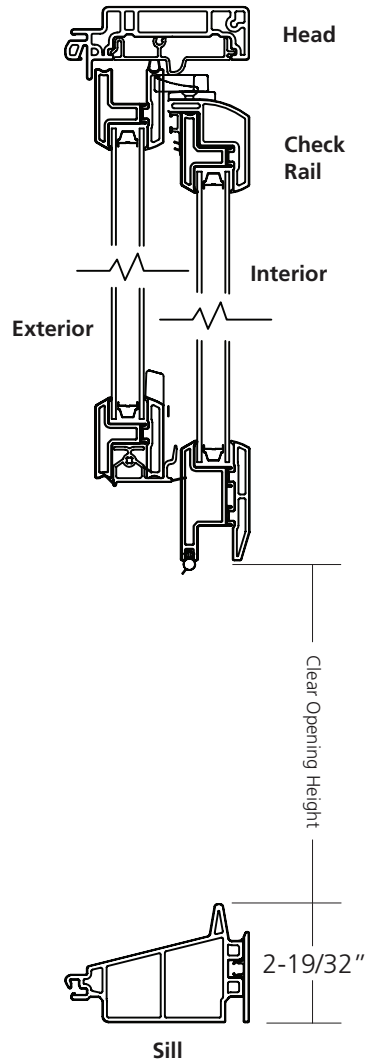
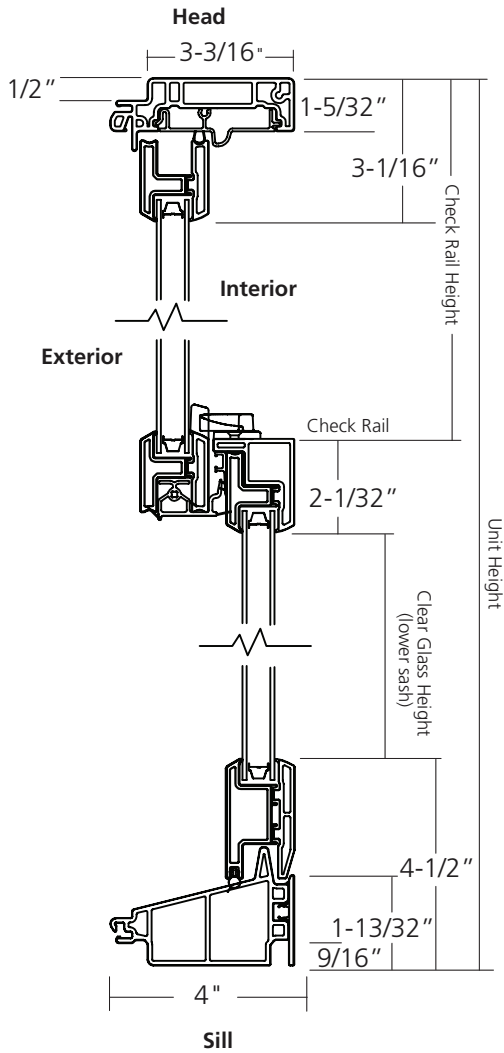
For detailed information on limited sash travel and egress conformity in specific window applications, refer to the charts on the previous page, or call a customer service associate, or see the RbA Extranet.

Determining Clear Glass Dimensions	
CLEAR GLASS WIDTH (inches)	= Width - 6.0
CLEAR GLASS HEIGHT (Upper sash, inches)	= Check Rail Height - 3.188
CLEAR GLASS HEIGHT (Lower sash, inches)	= Height - Check Rail Height - 6.521

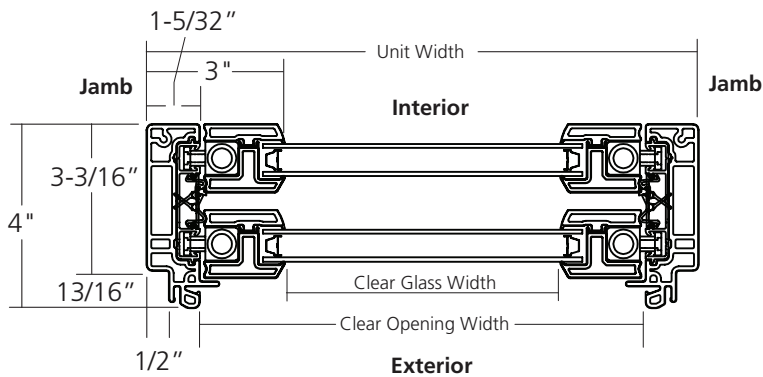
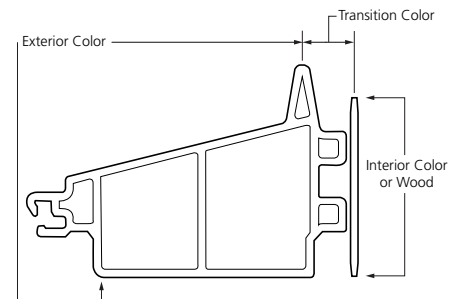
CLEAR OPENING AND CLEAR GLASS DIMENSIONS, cont.

DOUBLE-HUNG WINDOW

FLAT SILL INSERT



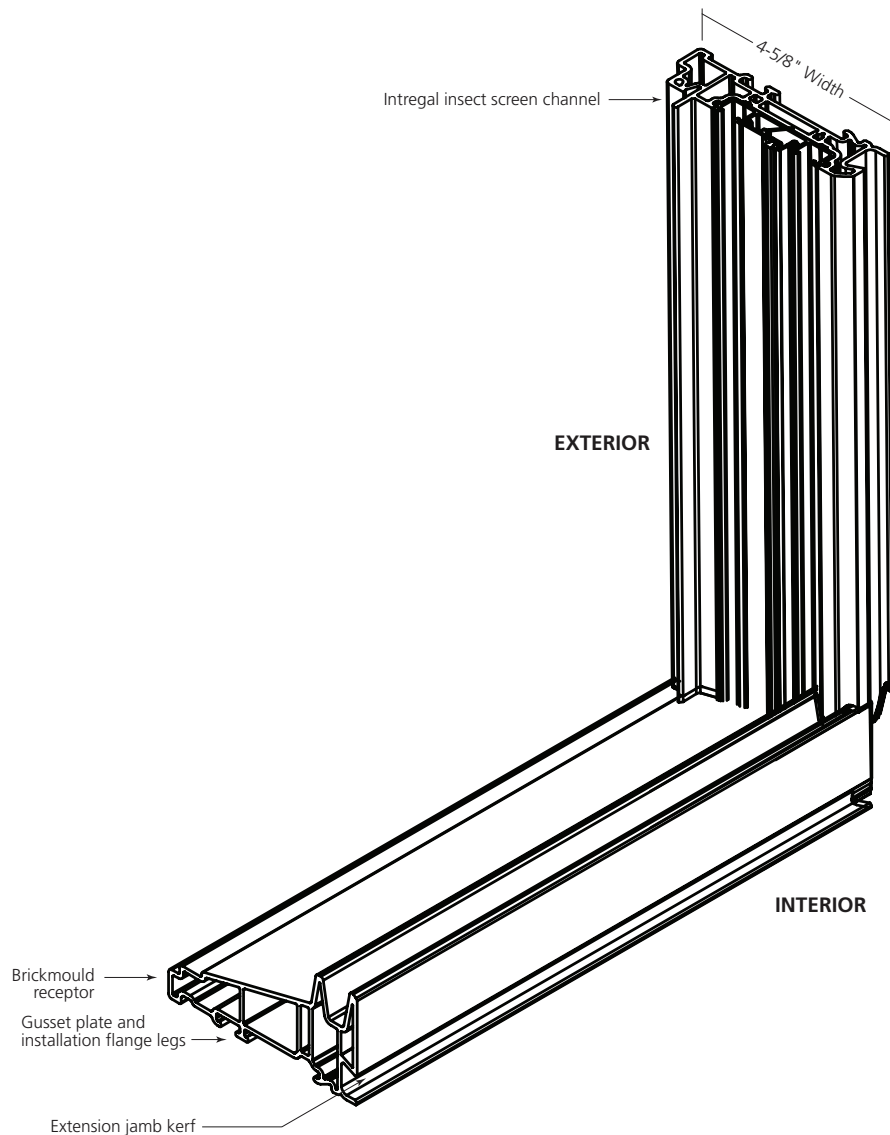
Flat sill insert interior and exterior colors



Window profiles shown for measurement purposes.

FULL-FRAME DOUBLE-HUNG WINDOW

The full-frame double-hung window is a complete window that includes a full frame and sash. It works well in replacement situations where the old window frame is deteriorated beyond repair or when the existing window frame doesn't allow for a double-hung insert window to be installed, such as old wood casement or metal frames. Frame will also accommodate exterior and interior trim options. See page 3-10.



MIN / MAX SIZES

DOUBLE-HUNG WINDOW

FULL FRAME



Certain window sizes may have limited sash travel. Refer to the charts on the following page, or call a customer service associate, or see the RbA Extranet for detailed information on limited sash travel and egress conformity in specific window applications.



Custom check rail heights can be specified to achieve different visible sash ratios. Contact the factory to confirm availability and ordering procedure.

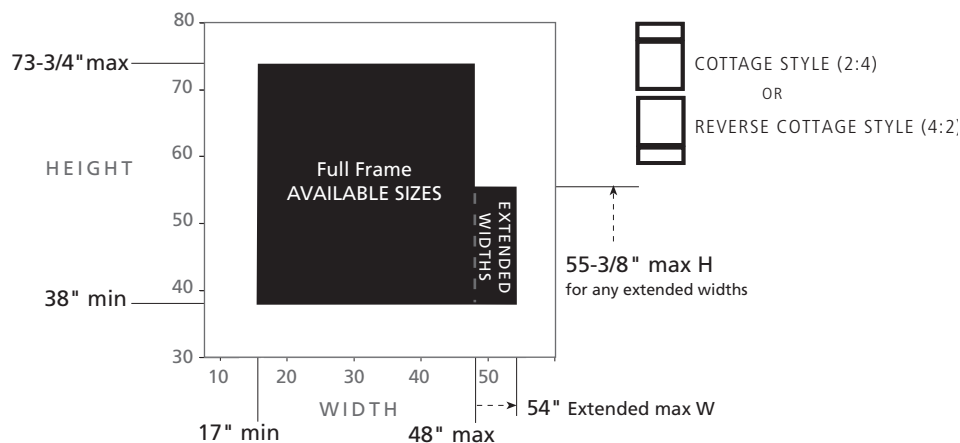
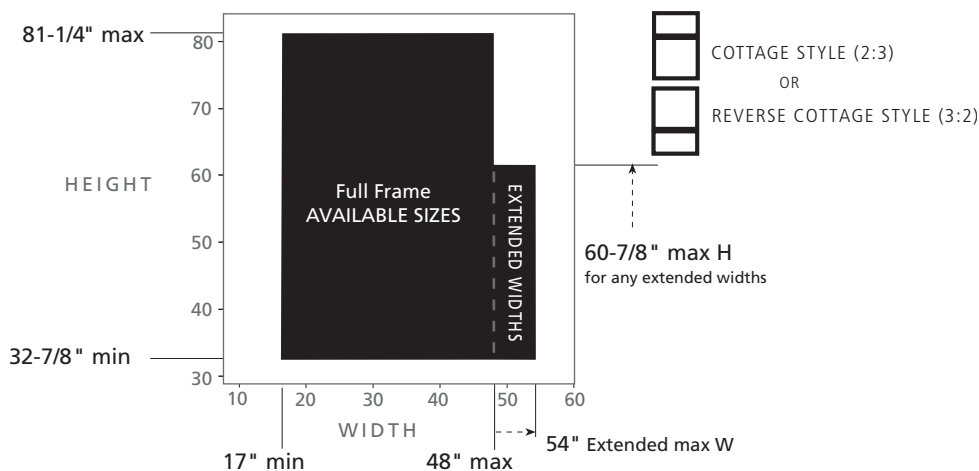
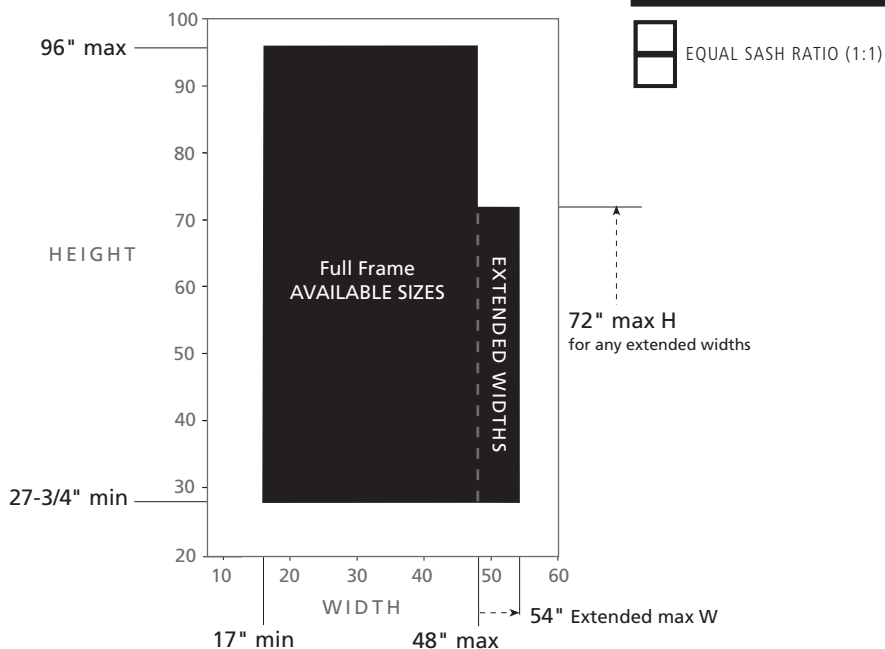
Do not confuse sash ratio and colonial grille pattern designations. Sash ratio refers to the size relationship between upper and lower sash. Grille pattern refers to the number of lites in a colonial pattern grille.

* **Two locks required on units greater than or equal to 45-9/16"**

** **Two locks not available on units narrower than 22-13/16"**

*** **A second lock is available as an option for units greater than 22-13/16"**

MIN / MAX SIZES



LIMITED SASH TRAVEL AND EGRESS CONFORMITY

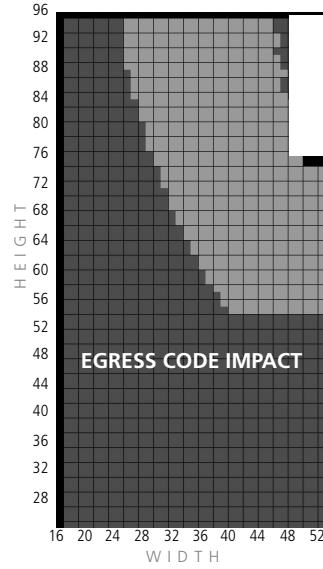
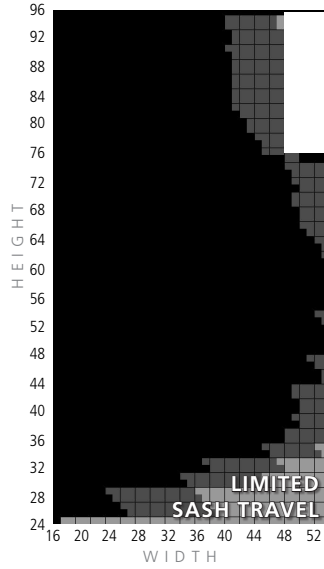
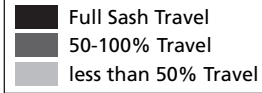
DOUBLE-HUNG WINDOW

FULL FRAME

Use the charts in the left column to determine if unit will have limited sash travel (lower sash only).

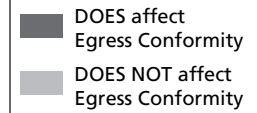
**EQUAL (1:1)
Sash Ratio**

SASH TRAVEL IMPACT



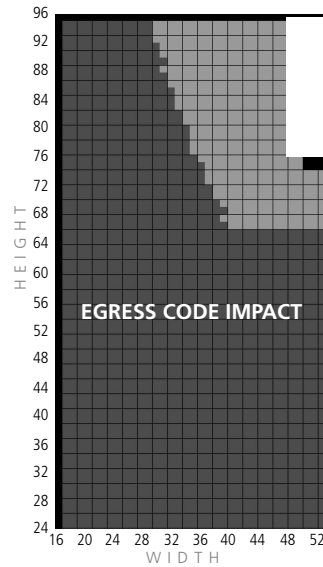
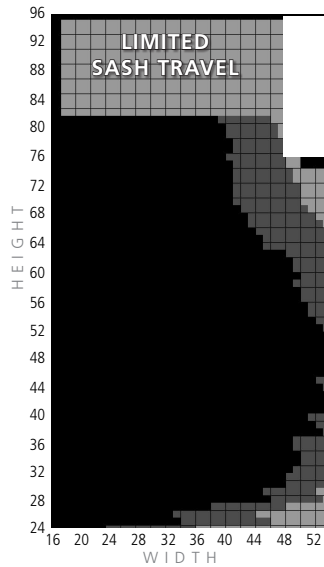
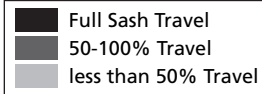
**EQUAL (1:1)
Sash Ratio**

EGRESS CONFORMITY IMPACT



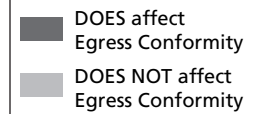
**2:3 or 3:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE**

SASH TRAVEL IMPACT



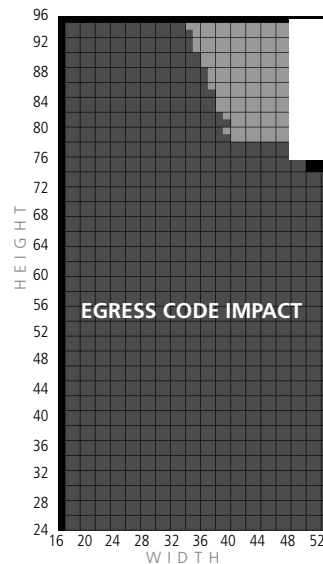
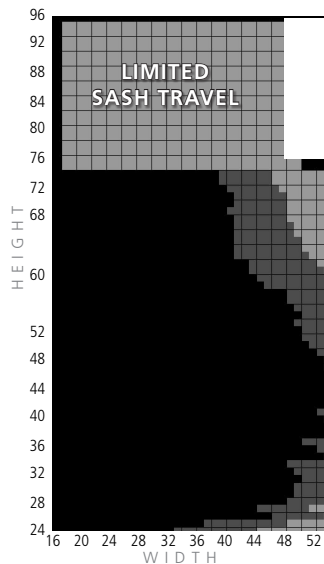
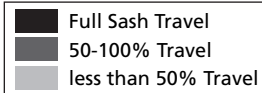
**2:3 or 3:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE**

EGRESS CODE IMPACT



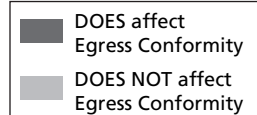
**2:4 or 4:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE**

SASH TRAVEL IMPACT



**2:4 or 4:2 Sash Ratio
COTTAGE or REVERSE
COTTAGE**

EGRESS CODE IMPACT



CLEAR OPENING AND CLEAR GLASS DIMENSIONS

DOUBLE-HUNG WINDOW






FULL FRAME

To determine the clear opening dimensions or clear glass size of either sash, follow the steps below.

1. Determine **Unit Width (W)** and **Unit Height (H)**.

2. Determine the appropriate **Check Rail Height (CRH)**:



Full Frame Double-Hung Check Rail Height (CRH)		
	EQUAL (1:1) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height}}{2}\right) - 1.536$
	COTTAGE (2:3) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 2}{5}\right) - 0.776$
	COTTAGE (2:4) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height}}{3}\right) - .276$
	REVERSE COTTAGE (3:2) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 3}{5}\right) - 2.295$
	REVERSE COTTAGE (4:2) Sash Ratio	Check Rail Height = $\left(\frac{\text{Height} \times 2}{3}\right) - 2.815$



Custom check rail heights are available upon request.

For most areas, **egress opening codes** dictate minimum clear opening width, height, and square feet. Check with your local code officials to determine the precise egress codes for each home.

3. Using the Check Rail Height (CRH) found in Step 2, calculate **Clear Opening** and/or **Clear Glass** dimensions:

Determining Clear Opening Dimensions (to assess egress code compliance)	
CLEAR OPENING WIDTH (inches)	= Width – 3.188
CLEAR OPENING HEIGHT (inches)	$\left. \begin{array}{l} \text{EQUAL (1:1) Sash Ratio} \\ \text{COTTAGE (2:3 or 2:4) Sash Ratio} \end{array} \right\} = \text{Check Rail Height} - 2.875$
	$\text{REVERSE COTTAGE (3:2 or 4:2) Sash Ratio} = \text{Height} - \text{Check Rail Height} - 4.125$
CLEAR OPENING AREA (ft²)	= $\frac{\text{Clear Opening Width} \times \text{Clear Opening Height}}{144}$

Clear Opening Widths are often called **"Egress Opening"** Dimensions.

For detailed information on limited sash travel and egress conformity in specific window applications, refer to the charts on the previous page, or call a customer service associate, or see the RbA Extranet.

Determining Clear Glass Dimensions	
CLEAR GLASS WIDTH (inches)	= Width – 6.0
CLEAR GLASS HEIGHT (Upper sash, inches)	= Check Rail Height – 3.188
CLEAR GLASS HEIGHT (Lower sash, inches)	= Height – Check Rail Height – 6.266

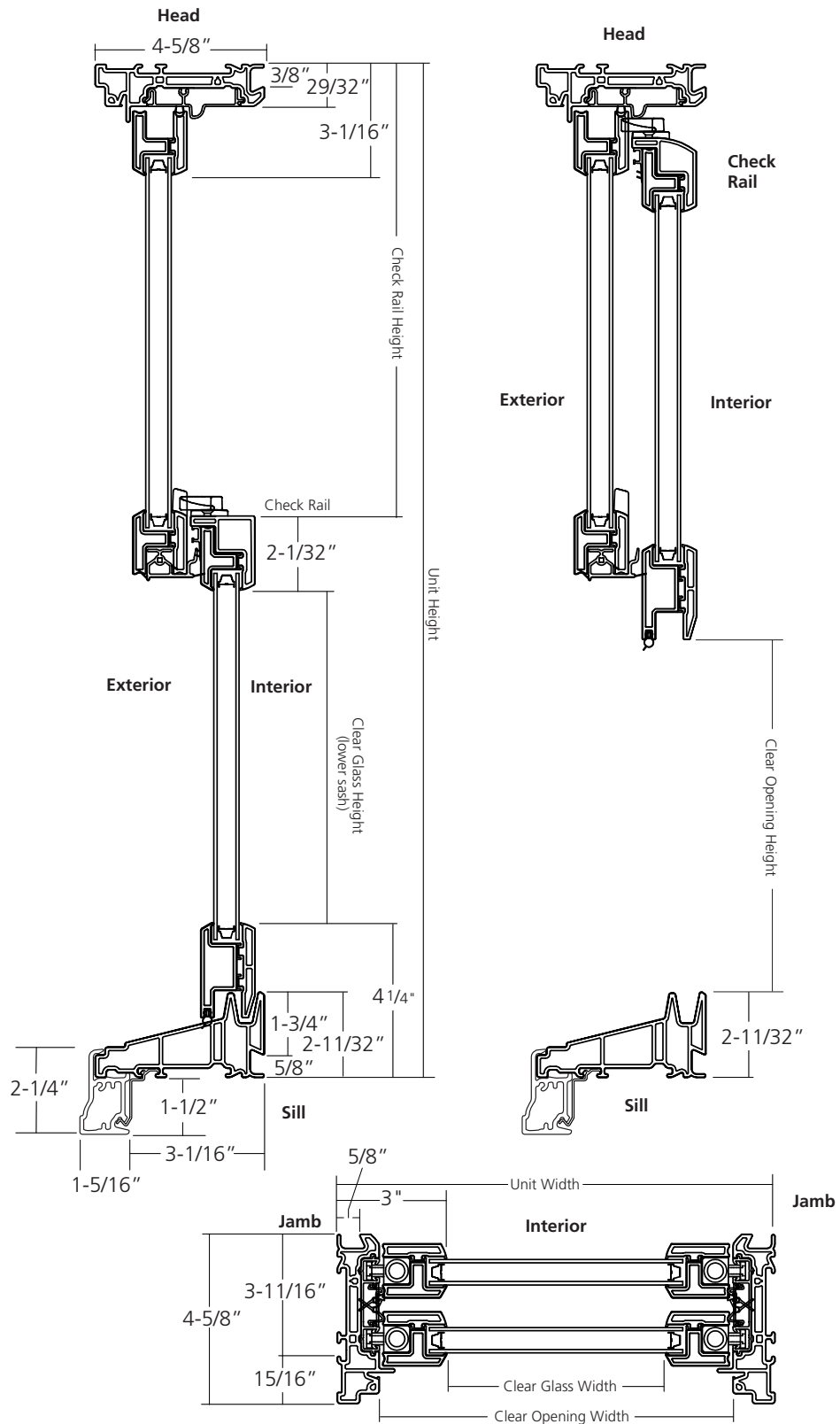
CLEAR OPENING AND CLEAR GLASS DIMENSIONS, cont.

DOUBLE-HUNG WINDOW

FULL FRAME



Brickmould and window profiles shown for measurement purposes.

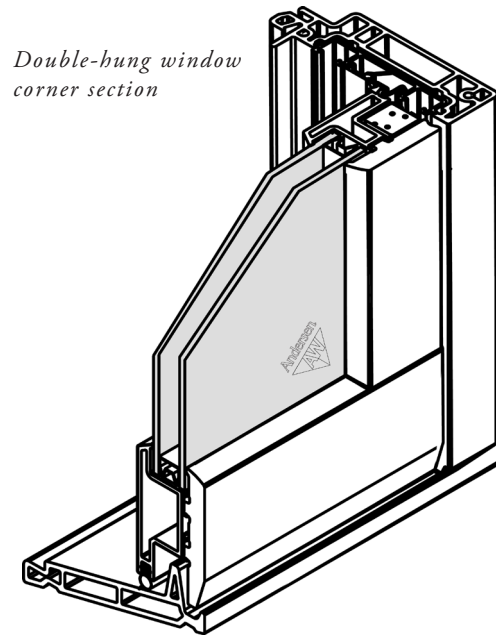


DOUBLE-HUNG WINDOW AND RELATED PATENTS

DOUBLE-HUNG WINDOW

- Double-Hung Window - U.S. Patent Number: Des. 394,115

The ornamental design for a double-hung window.



DOUBLE-HUNG WINDOW AND RELATED PATENTS, cont.

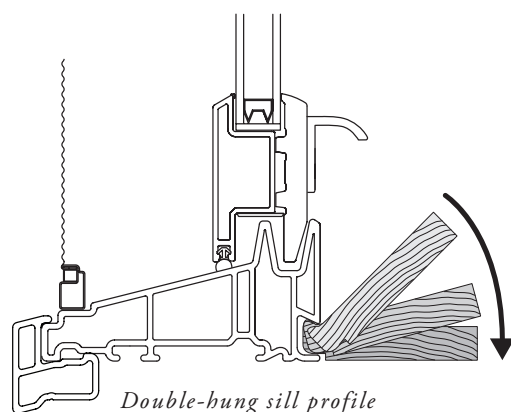
DOUBLE-HUNG WINDOW

- Extension Jamb – U.S. Patent Number: Des. 5,555,684

An extension jamb extends the depth of a frame to accept a replacement window. Our patented design improves the standard method of securing the jambs to the window frame with glue or nails, which is the method used by many manufacturers.

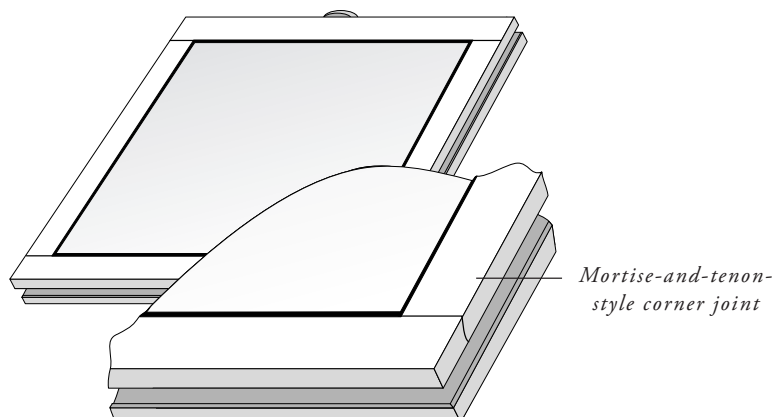
The design creates a snap-in fit of the extension jamb into the window frame. This is aesthetically more pleasing and eliminates problems with staining and finishing that may occur with glue or nail holes.

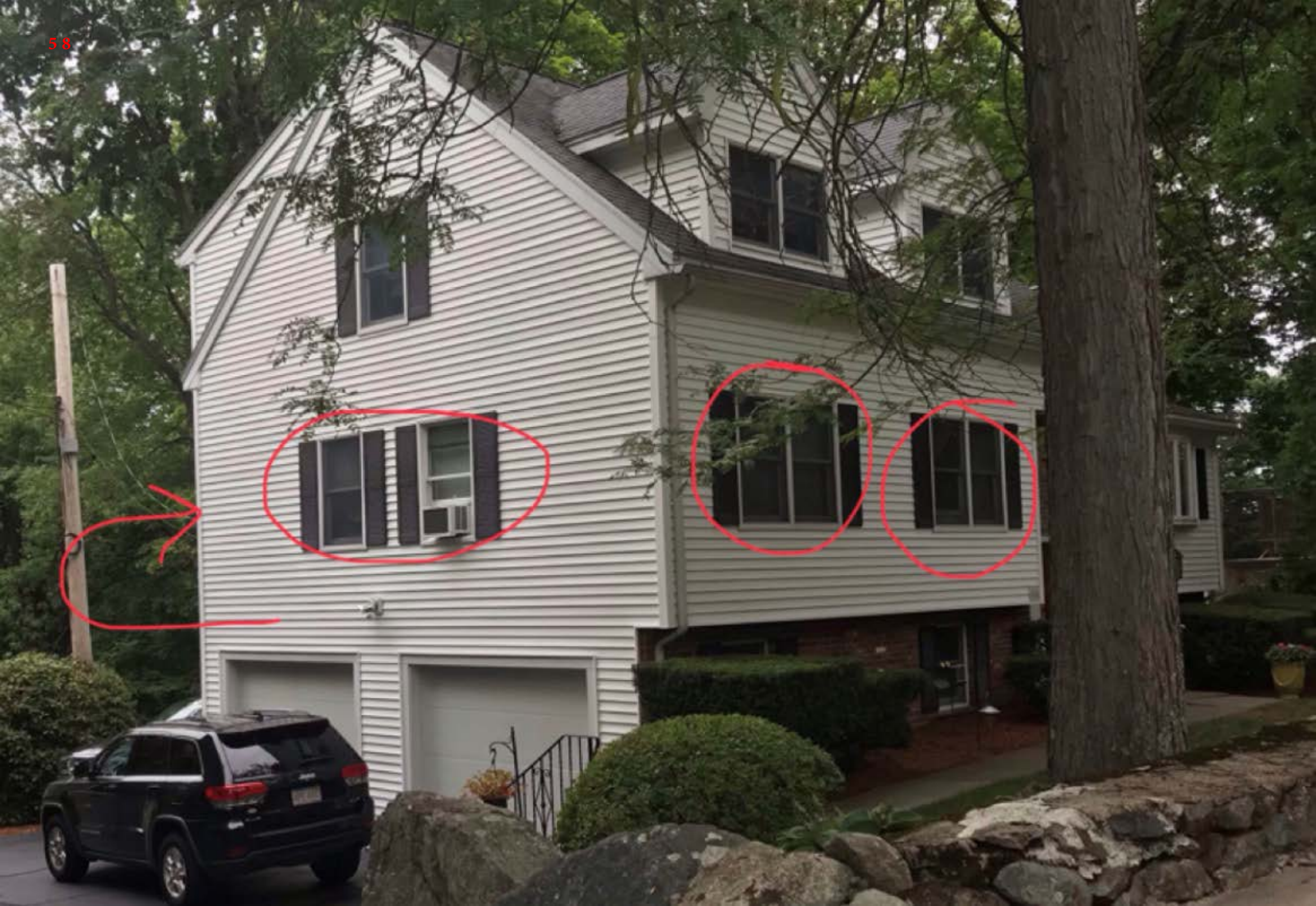
Installing an extension jamb



- Joint Structure (Mortise/Tenon) – U.S. Patent Number: Des. 5,603,585

Renewal by Andersen® has a patented design and manufacturing method to make a welded corner with the appearance of a traditional, hand-crafted mortise-and-tenon joint. By end-cutting the sash members in a unique way, we provide a welded corner on the exterior surface of the sash that provides strength and excellent weathertight construction, while the interior portion of the sash parts are joined to create a mortise-and-tenon-style corner joint. This marriage of function and traditional window style is unique in the window replacement industry.



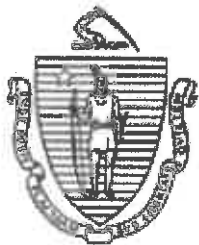






61





The Commonwealth of Massachusetts
Department of Industrial Accidents
Office of Investigations
600 Washington Street
Boston, MA 02111
www.mass.gov/dia

Workers' Compensation Insurance Affidavit: Builders/Contractors/Electricians/Plumbers
Applicant Information **Please Print Legibly**

Name (Business/Organization/Individual): Renewal By Andersen

Address: 30 Forbes Rd.

City/State/Zip: Northborough, MA 01532

Phone #: 508-351-2277

Are you an employer? Check the appropriate box:

- | | |
|--|---|
| <p>1. <input checked="" type="checkbox"/> I am a employer with <u>30</u> employees (full and/or part-time).*</p> <p>2. <input type="checkbox"/> I am a sole proprietor or partnership and have no employees working for me in any capacity. [No workers' comp. insurance required.]</p> <p>3. <input type="checkbox"/> I am a homeowner doing all work myself. [No workers' comp. insurance required.] †</p> | <p>4. <input type="checkbox"/> I am a general contractor and I have hired the sub-contractors listed on the attached sheet. These sub-contractors have employees and have workers' comp. insurance. ‡</p> <p>5. <input type="checkbox"/> We are a corporation and its officers have exercised their right of exemption per MGL c. 152, §1(4), and we have no employees. [No workers' comp. insurance required.]</p> |
|--|---|

Type of project (required):

6. ☐ New construction
7. ☐ Remodeling
8. ☐ Demolition
9. ☐ Building addition
10. ☐ Electrical repairs or additions
11. ☐ Plumbing repairs or additions
12. ☐ Roof repairs
13. ☒ Other Replacement

*Any applicant that checks box #1 must also fill out the section below showing their workers' compensation policy information.

† Homeowners who submit this affidavit indicating they are doing all work and then hire outside contractors must submit a new affidavit indicating such.

‡ Contractors that check this box must attached an additional sheet showing the name of the sub-contractors and state whether or not those entities have employees. If the sub-contractors have employees, they must provide their workers' comp. policy number.

I am an employer that is providing workers' compensation insurance for my employees. Below is the policy and job site information.

Insurance Company Name: Old Republic Insurance Co.

Policy # or Self-ins. Lic. #: MWC 31415819

Expiration Date: 10/1/2020

Job Site Address: 64 WestMinster Ave

City/State/Zip: Arlington, MA 02474

Attach a copy of the workers' compensation policy declaration page (showing the policy number and expiration date).

Failure to secure coverage as required under Section 25A of MGL c. 152 can lead to the imposition of criminal penalties of a fine up to \$1,500.00 and/or one-year imprisonment, as well as civil penalties in the form of a STOP WORK ORDER and a fine of up to \$250.00 a day against the violator. Be advised that a copy of this statement may be forwarded to the Office of Investigations of the DIA for insurance coverage verification.

I do hereby certify under the pains and penalties of perjury that the information provided above is true and correct.

Signature: [Signature]

Date: 09-10-2020

Phone #: 508-351-2277

Official use only. Do not write in this area, to be completed by city or town official.

City or Town: _____ Permit/License # _____

Issuing Authority (circle one):

1. Board of Health 2. Building Department 3. City/Town Clerk 4. Electrical Inspector 5. Plumbing Inspector
 6. Other _____

Contact Person: _____

Phone #: _____

[AHDC] 64 Westminster Owner (Sean Fitzgerald) Applicant- Renewal by Andersen

8 messages

McMahon, Sean <Sean.McMahon@andersencorp.com>
To: Carol Greeley <carol.greeley@gmail.com>

Thu, Sep 10, 2020 at 11:40 AM

Good Afternoon

My Name is Sean McMahon from Renewal by Andersen. Attached are the documents for the application for 64 Westminster replacement of 9 windows, 8 which are visible from street. Please let me know if I need additional information.

Thank you

Sean McMahon

Permitting Renewal by Andersen

**8 attachments**

Pic 1 .png
1453K



Pic 2 .png
1183K




pic 3 .png
1224K




pic 4 .png
395K

 **64 Westminster app signed.pdf**
246K

 **Workers comp.pdf**
141K

 **Contract.pdf**
5490K

 **Double Hung.pdf**
3977K

Carol Greeley <carol.greeley@gmail.com>
To: "McMahon, Sean" <Sean.McMahon@andersencorp.com>

Thu, Sep 10, 2020 at 12:11 PM

Received - thanks Sean. Quick question - what are the existing windows - are they original or already replaced ones? I didn't see that description and I know the Commissioner will ask. Thanks for any info - Carol

[Quoted text hidden]

--

Carol Greeley, Executive Secretary

McMahon, Sean <Sean.McMahon@andersencorp.com>
To: Carol Greeley <carol.greeley@gmail.com>

Fri, Sep 11, 2020 at 9:53 AM

They are Wood vinyl clad

[Quoted text hidden]

Carol Greeley <carol.greeley@gmail.com>
To: AHDCChair <AHDCChair@town.arlington.ma.us>, "Makowka, Stephen" <smakowka@compasslexecon.com>, Stephen Makowka <joliesteve@gmail.com>

Fri, Sep 11, 2020 at 9:53 AM

----- Forwarded message -----From: cMahon, Sean <Sean.McMahon@andersencorp.com>
Date: Thu, Sep 10, 2020 at 11:42 AM
Subject: [AHDC] 64 Westminster Owner (Sean Fitzgerald) Applicant- Renewal by Andersen
To: Carol Greeley <carol.greeley@gmail.com>

Think this qualifies as a CONA, but if not please let me know and I can put them on the 10/8 agenda today with the legal notice deadline. Thanks! - Carol

McMahon, Sean
to me

Sep 17, 2020, 8:24 AM (1 day ago)

Good Morning

The window that are going to be replaced are made of Wood vinyl clad and the windows that are going to go in are made of Fibrex which is a wood and vinyl composite.

[Quoted text hidden]

[Quoted text hidden]

9 attachments



Pic 1 .png
1453K



Pic 2 .png
1183K



pic 3 .png
1224K



pic 4 .png
395K

64 Westminster app signed.pdf
246K

Workers comp.pdf
141K

Contract.pdf
5490K

Double Hung.pdf
3977K

64 Westminster Ave (Fitzgerald) CONA 20-40M for windows.docx
430K

65

Carol,

This is a change in materials. Maybe okay because of existing conditions, but given the recent sensitivity to fibrex, I think we need to have a hearing on this one.

Working on other certs now.

Steve

From: Carol Greeley <carol.greeley@gmail.com>
To: AHDCChair <AHDCChair@town.arlington.ma.us>, "Makowka, Stephen" <smakowka@compasslexecon.com>, Stephen Makowka <joliesteve@gmail.com>
Date: Fri, 18 Sep 2020 09:12:48 -0400
Subject: Fwd: [AHDC] 64 Westminster Owner (Sean Fitzgerald) Applicant- Renewal by Andersen

CAUTION: This email originated from outside of the Town of Arlington's email system. Do not click links or open attachments unless you recognize the REAL sender (whose email address in the From: line in "< >" brackets) and you know the content is safe.

[Quoted text hidden]

Carol Greeley <carol.greeley@gmail.com>
To: AHDCChair <AHDCChair@town.arlington.ma.us>

Mon, Sep 21, 2020 at 1:01 PM

We are light on Thursday's agenda compared to next month - could it come in for an informal and maybe qualify for a 10 day?

[Quoted text hidden]

AHDCChair <AHDCChair@town.arlington.ma.us>
To: Carol Greeley <carol.greeley@gmail.com>

Mon, Sep 21, 2020 at 3:45 PM

I am not sure the the Commission would have the inclination to grant a 10-day for an full artificial product (fibrex). We can do an informal to get the sense of the Commissioners, but I would not promise that there would be any resolution.

[Quoted text hidden]

Carol Greeley <carol.greeley@gmail.com>
To: "McMahon, Sean" <Sean.McMahon@andersencorp.com>

Mon, Sep 21, 2020 at 6:20 PM

Sean,

The Chair feels that this is a change in materials. Maybe okay because of existing conditions, but given the recent sensitivity to fibrex, I think we need to have a hearing on this one. So I have scheduled you for an informal for this Thursday (9/24) and if necessary and they won't consider a 10 day certificate approval (abutters have 10 days to object) I am putting a tentative Formal Hearing for 10/8 for approval of the windows. No promises but hopefully they will consider the 10 day approval at this week's meeting. Here were Steve's additional comments: "I am not sure the the Commission would have the inclination to grant a 10-day for an full artificial product (fibrex). We can do an informal to get the sense of the Commissioners, but I would not promise that there would be any resolution."

Let me know your thoughts - Carol

[Quoted text hidden]

[Quoted text hidden]